

# WESLEYAN

*First for Women*

Supplement  
Bulletin 1989-1991

## Statement of Policy

Wesleyan College admits students of any race, color, national and ethnic origin to all the rights, privileges, programs, and activities generally accorded or made available to students at the College. Wesleyan does not discriminate on the basis of race, color, national and ethnic origin in administration of its educational policies, admissions policies, scholarship and loan programs, and athletic and other school-administered programs. No handicapped person is, on the basis of the handicap, excluded from participation in, denied benefits of, or otherwise subjected to discrimination under any program, employment, or activity at Wesleyan College. Wesleyan College complies with the Family Rights and Privacy Act of 1974. The Registrar should be consulted for details and procedures.

Every effort is made to insure the accuracy of information presented in this catalogue. The contents should be considered advisory only and not regarded as an irrevocable contract. The College reserves the right to alter or change requirements, fees, course offerings, or other specified policies at any time. Faculty advisers are available to assist the student in the arrangement of her program, but responsibility for acquainting herself with regulations and fulfilling all requirements for degrees rests with the individual student.



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This document represents a supplement to the 1989-1991 *Bulletin* of Wesleyan College. It exists primarily to provide information concerning changes in policies or curriculum that have been made since the publication of the 1989-1991 *Bulletin*.

# College Calendar

Fall 1990 through Spring 1991

## Fall Semester

1990

New Faculty Orientation, 2:00 p.m.	August 22
Faculty meeting, 10:00 a.m.	August 23
Residence halls open to new students at 9:00 a.m.	August 26
Dining hall opens for lunch.	
Orientation of new students	August 26-28
Residence halls open at 2:00 p.m.	
for returning students.	August 28
Registration (freshmen, 8:30 a.m.-10:00 a.m.;	August 29
upperclassmen, 10:00 a.m.-11:30 a.m.)	
Classes begin; Drop/Take period begins;	
Credit/No Credit grade option period begins.	August 30
College offices closed for Labor Day;	
classes not in session	September 3
Last day for schedule changes without approval of the	September 5
Dean of the College; Drop/Take period ends; Credit/No	
Credit grade option period ends; Removal of "I" grades.	
Fall Convocation, 11:15 a.m.	September 6
Last Day to drop a class without a grade	October 16
Mid-semester reports due in the Office of Records and	
Registration by 3:00 p.m.	
Early registration for Spring Semester	October 22-26
Thanksgiving holidays begin at conclusion of classes.	November 16
Dining hall closes at conclusion of dinner.	
Residence halls close at 10:00 a.m.	November 17
Offices closed for Thanksgiving holiday	November 22-23
Residence halls open at 2:00.	
Dining hall opens with dinner.	November 25
Classes begin	November 26
Last day of classes	December 7
Final examinations. Christmas vacation	
begins at conclusion of examinations.	December 10-14
Dining hall closes at conclusion of dinner.	
Residence halls close at 10:00 a.m.	December 15
Final grades due in Office of Records and	
Registration by 3:00 p.m.	December 17
Offices closed for Christmas holidays	December 21-26



## Spring Semester

1991

Offices closed for New Year's holiday	January 1
Residence halls open at 2:00 p.m. Dining hall opens with dinner.	January 6
Final registration for Spring Semester: upperclassmen, 8:30 a.m. - 10:00 a.m.; freshmen, 10:00 a.m. - 11:30 a.m.	January 7
Classes begin; Drop/Take period begins; Credit/No Credit period begins.	January 8
Last day for schedule changes without approval of the Dean of the College; Drop/Take period ends; Credit/No Credit grade option period ends; Removal of "I" grades.	January 11
Martin Luther King, Jr. Day (Classes not in session.)	January 14
Last day to drop a class without a grade; Mid-semester report due in the Office of Records and Registration by 3:00 p.m.	February 26
Spring vacation begins at conclusion of classes. Dining hall closes at conclusion of dinner.	March 15
Residence halls close at 10:00 a.m.	March 16
Offices closed for Spring holiday.	March 22
Residence halls open at 2:00 p.m. Dining hall opens with dinner.	March 24
Classes begin.	March 25
Early registration for Fall Semester	March 25-29
Honors Day	April 18
Alumnae Weekend	April 19-21
Awards Day	April 23
Last day of classes	April 24
Reading Day	April 25
Final examinations	April 26-May 1
Final grades due in Office of Records and Registration by 3:00 p.m.	May 3
Commencement, 10:00 a.m.	May 4
Residence halls close at 3:00 p.m.	May 4
Offices closed for Memorial Day	May 27
Offices closed for Independence Day	July 4



# Expenses For The College Year 1990-91

## TUITION: (1990-91)

### For the College Year (Freshmen & Sophomores)

Tuition .....	\$8,700
Boarding .....	\$3,850
Student Activities Fee.....	\$ 180
Computer Software.....	\$ 170*

### For the College Year (Juniors & Seniors)

Tuition.....	\$7,150
Boarding .....	\$3,850
Student Activities Fee.....	\$ 180

\*Returning Sophomores in Computer Focus Program will receive a credit of \$42.00 for two (2) semester amortization on the computer software fee.

#### Due as Follows:

	Boarding	Non-Boarding
Freshmen & Sophomores		
August 15, 1990	\$ 6,625	\$4,700
December 15, 1990	<u>\$ 6,275</u>	<u>\$4,350</u>
	\$12,900	\$9,050
Juniors and Seniors		
August 15, 1990	\$ 5,680	\$3,755
December 15, 1990	<u>\$ 5,500</u>	<u>\$3,575</u>
	\$11,180	\$7,330

### For Students Entering Spring Semester

#### Due as Follows:

	Boarding	Non-boarding
Freshmen and Sophomores		
December 15, 1990	\$6,560	\$4,635
Juniors and Seniors		
December 15, 1990	\$5,615	\$3,690
General Deposit		
Boarding		\$ 250
Non-Boarding		\$ 150

The above rates apply to a student who registers for a minimum of 12 semester hours. Statements for August (Fall Semester) and December (Spring Semester) will be mailed to the parents. Interim statements will be forwarded directly to the student on campus, unless the Business Office is notified in writing that statements are to be mailed elsewhere. Payment for statement charges are due immediately upon receipt of the statement.

The boarding fee includes infirmary services available on campus Monday through Friday, 7:30 a.m. - 3:30 p.m. Except in emergency situations which may occur while on campus, non-boarding students are ineligible for infirmary services.

The general deposit is payable by all regular students upon acceptance to the College for the first time or upon being readmitted to the College and is due no later than 30 days prior to the beginning of the semester in which a student enrolls. The general deposit reserves dormitory room and space in class.

If a student decides not to enroll, the general deposit is refundable upon receipt of written notice, as follows: Fall Semester: 100 percent until May 1, 75 percent until June 1, 50 percent until July 1, 25 percent until August 1, and none thereafter. Spring Semester: 75 percent until December 15, 50 percent until December 31, 25 percent until January 5, and none thereafter.

Upon registration the entire amount of the general deposit for non-boarding and \$150 of the amount for boarding students will be credited to their account. The remaining \$100 for boarding students will be retained as a room deposit and will be credited to the student's account either upon graduation or withdrawal from the College. A withdrawing student must notify the Student Services office prior to July 15 (Fall semester) or December 1 (Spring semester) of her intent not to return to Wesleyan. Failure to provide notification by these dates will result in forfeiture of the room deposit.

## SPECIAL FEES (1990-91)

\*Part-time (1-11 semester hours)

per semester hr.	\$235
Audit Fee, Lecture Course	\$135
Audit Fee, Studio Course	\$170
Students <i>in Absentia</i> —Registration for Year	\$210
Late Registration Fee	\$ 25
Extra Load Fee—per semester hour	\$235
English as a Second Language	\$235
Private Music Lessons (Payable each semester)	
Full-time: One 50-minute lesson and one master class per week	\$310
Summer Fee for 451 (Independent Study) and 452 (Field Studies) per semester hour	\$235
Transcript of record (first request—no charge).	
After the first	\$ 2
Placement Files	\$ 2
Activity Fee for part-time students	\$ 65
Graduation Fee	\$ 70
Science lab and art supply fees	\$ 37.50
Fee for equestrian course	\$300
Private Room Fee	\$230

\*Part-time students may register for a maximum of 11 semester hours per term.



## SPECIAL SCHEDULES

Standard tuition fees apply to student programs up to 17 semester hours inclusive. Credit hours in excess of 17 semester hours (exclusive of applied music taken for credit or ensemble work taken for no credit) will be charged at the Extra Load Fee per semester hour. Students who are allowed to register as part-time students taking 0-11 semester hours must pay the fees charged for part-time students. Fees for zero credit courses are computed as one semester hour in determining the student's load unless this creates an overload.

Dependent daughters of United Methodist ministers are eligible for a 50% tuition discount.

Daughters and granddaughters of Wesleyan Alumnae are eligible for the Alumnae Grant which is equal to 20% of the student's tuition each year.

## STUDENT TEACHING ASSIGNMENTS

Resident students' accounts will be credited for meals missed due to teaching assignments. Credits must be authorized by the Education Area Chair and will be at the following rates for 1990-91:

Breakfast	- \$2.50
Lunch	- \$3.50
Dinner	- \$4.00

## ENCORE PROGRAM FEE SCHEDULE (1990-91)

Application Fee for Admission	\$ 15.00
Tuition Per Hour	\$ 160.00
\$480 3 hour course	
\$640 4 hour course	
Application for Portfolio Assessment	\$ 70.00
per 3 hour course credit	
Internship (per credit hour)	\$ 160.00
Independent Study (per credit hour)	\$ 160.00
Course Challenge - One time per semester	\$ 215.00
(applicable to credit hour fee if successful)	
Tutorial (per credit hour)	\$ 160.00
Career/Life Assessment	\$ 70.00
Emeritus Program (women and men over 60)	All fees half-price
Proficiency Center	\$ 70.00
Full-time tuition for one academic year	
Freshmen and Sophomores	\$8,700.00
Juniors and Seniors	\$7,150.00
Activities Fee	\$ 65.00
Audit Fee (Lecture Course)	\$ 135.00
Audit Fee (Studio Course)	\$ 170.00

## CONTRACTUAL OBLIGATIONS

Every student by act of matriculation agrees to remain for the full semester and thereby



creates a liability for the payment of all charges for the semester. By entering, a student, a parent or guardian accepts the terms and regulations outlined in the catalogue as final and binding.

Grades, transcripts, or diploma will not be issued for any student whose financial obligations to the College have not been fully discharged.

Wesleyan's charges are based on the payment of all fees at the time stated. Scholarships, discounts, and loans will be credited between the two semesters and will be applied to registration payment each semester.

The College reserves the right to change its fees at the end of any semester, if conditions should make this necessary.

## **REFUNDS FOR TUITION, ROOM AND BOARD**

Full-time students withdrawing from the College or part-time students dropping individual courses will receive credits to accounts as follows:

Prior to the beginning of a term - 100 percent credit of tuition, room and board, and activities fees less deposit.

Within the first week of the beginning of classes - 75 percent credit of tuition, room and board. No credit on activities fee.

Within the second week of the beginning of classes - 50 percent credit of tuition, room and board. No credit on activities fee.

Within the third week of the beginning of classes and there-after -  
No credit except in very exceptional circumstances.

Exceptions require approval by the Treasurer. A pro-rated portion of room and board charges (not tuition or activities fee) for exceptions due to medical reasons will be considered when analysis indicates the student will directly benefit (cash refund or reduced indebtedness).

Credit balance remaining in a withdrawing student's account after applying above credits will be refunded in the following order of priority:

1. Title IV and State Financial Aid as required by regulations.
2. Institutional Financial Aid.
3. Direct Aid awards from outside sources.
4. Cash refund to student.

## **TUITION FINANCING OPTIONS**

Wesleyan College offers the following alternatives for financing college costs: Guaranteed Cost Plan, Master Card, VISA, and the monthly payment plan available through the Academic Management Services Plan.

For further information regarding these options, contact the Business Office or the Treasurer.



# Degrees and Courses of Instruction

(See 1989-91 Bulletin for Pre-Professional Programs.)

Wesleyan offers four degrees; the A.B., the B.F.A., the B.M., and the B.S. Each degree program contains two components: (1) general education requirements which lead to breadth of learning, and (2) major field requirements which lead to specialized preparation for a career or postgraduate training. Specific requirements can be found in the 1989-91 Bulletin.

## Bachelor of Arts Degree

The following majors and programs are offered for the A.B. degree:

Arts Management	History
Biology	History/ Political Science
Business Administration	International Relations
Accounting Concentration	Mathematics
Management Concentration	Modern Languages
Chemistry	Music
Communication	Philosophy & Religion
Education - Early Childhood	Psychology
Middle Grades	Religion
Secondary	Religious Education
English	Sociology
English/Journalism	Theatre

Special interdepartmental programs are offered in education, which lead not only to a degree but to teacher certification.

## DEGREE REQUIREMENTS

(See the 1989-91 Bulletin)

## A. B. MAJOR PROGRAMS

**ANTHROPOLOGY** (See page 53.)

**ART** (See page 55.)

## ARTS MANAGEMENT

The Arts Management program is an interdisciplinary study which combines a major in business administration with a major or an elective concentration in one of the fields of the arts - art, music, or theatre. This program is designed for the student who wishes to combine an interest in the arts with extensive study of business management. The program is recommended for students who are interested in professional careers or volunteer work that may include management of community arts organizations, theatres, opera companies, symphonies, and museums.



The program may also be of interest to students who plan to pursue professional careers as independent performers or artists.

In the Arts Management program the student earns an A.B. degree. In the cases of music and theatre, the degree is with a double major in business and either music or theatre. In the case of art, the degree is an A.B. major in business with a prescribed elective concentration in art. Students enrolling in the Arts Management program in Music will be required to meet the entrance requirements for the A.B. music degree at an audition. Prospective students should be aware that the program is demanding of effort and time. It requires careful schedule planning to meet all degree requirements, and completion of the program may require more than the traditional four years of college work.

Internships are a required part of the business major element of the program. In this program internships are especially valuable for establishing contacts and for gaining practical interdisciplinary experience. Students will normally be placed in an internship with a community arts organization.

To complete the Arts Management program in music or theatre, the student must satisfy all of the requirements for a major in music (as described on p. 8) or in theatre (as described on p. 54). In addition the student must complete the requirements for the major in business (as described on p. 12). Since this is a double major program, the requirements for the business major will be reduced to 42 hours by the elimination of the requirement for BUS 202. Also the student usually will choose to satisfy the area VI requirement in the business major with a course that also satisfies requirements for the music or theatre major.

To complete the Arts Management program in art, the student must complete 43 hours in major core business courses plus the following requirements in art:

Two three-hour courses from the art history category. (These also satisfy the Area III general education requirements.)

Art 310, Technical Methods in Commercial Art. This course will also satisfy the Area VI requirement for the business major.

An additional 35 hours of art courses including Art 101, 102, 121, 122, 201, 202, 221, 241, 275, 281 and a minimum of five hours of Art Electives.

The Arts Management Program in art may require more than four years to complete.

The Certificate in Business Management program offers an alternative that meets many of the career objectives addressed by the full Arts Management program. This alternative is less demanding of time and is more flexible to schedule. This program provides a core of essential business management courses for students who wish to focus their major studies more intensely in another discipline. In the case of the arts, the student may complete the requirements for an A.B. degree major in music or theatre, or for the B.F.A. degree major in art or theatre, for the Bachelor of Music degree with a major in one of the listed music specialties. The Certificate in Business Management will be awarded to recognize completion of 24 prescribed hours of business management courses. The required courses are Bus 200, 201, 310, 315, and ECO 201, 205, and six elective hours chosen from Business or Economics offerings.

## **BIOLOGY**

Students majoring in biology are educated with sufficient breadth and depth to be productive members of society whether they choose a career in biology or not. Majors in biology have access to careers in a large variety of areas. Recent graduates are continuing their studies as research associates in the fields of zoology, biochemistry, medical science, and plant science. Some are attending medical schools, veterinary schools, dental schools, or graduate schools in biology, ecology, and genetics. Others have chosen career areas including pharmaceuticals,



medical technology, secondary school teaching, and the Peace Corps.

A prospective biology major is encouraged to identify herself to the Area Chair or to the staff in biology very early in her academic career. Biology courses are sequential and are related to sequential courses in other academic areas.

Honors in Biology (461) is available by invitation to outstanding rising seniors. If the student accepts, she, in consultation with her adviser, will develop a special program for her senior year.

The biology major includes BIO 150, 151, 160, 220, 322, 351, 402, 403, 431 (30 semester hours) and at least 8 semester hours from: BIO 221, 341, 342, 352, 404, 405, 398, 399, 410, 451, 452, 461, 462. Of the elective hours, no more than 3 credits toward the major may be chosen from 398, 399, 451, 452, 461, 462. Additional elective credits may be taken, however, and count towards the overall number needed for graduation. Majors in biology are also required to take CHM 101, 102 and MAT 101. Graduate, medical, dental, veterinarian, and other professional programs require CHM 221, 222, PHY 121, 122, MAT 120, 205 (and sometimes MAT 206) and CIS 100 for admission. Biology students should take these courses. BIO 150 is prerequisite for all courses. BIO 151, 160, 220 are prerequisite to all higher numbered courses and should be completed before the end of the second year.

## BIOLOGY (BIO)

### **150. General Biology. (4) Fall.**

An introductory course in general biology dealing with basic topics including cell structure and function, the biology of organisms, development, behavior, evolution, and ecology. Lecture and laboratory. Meets distribution requirement for laboratory science. (Special fee for lab.)

### **151. General Zoology. (4) Spring.**

Invertebrate and vertebrate taxa, morphology, physiology, evolution and natural history. This course is designed to allow a comprehensive study of the animal kingdom and its phylogenetic rise as introduced in Biology 150. Lecture and laboratory. This course meets the distribution requirement for laboratory science. (Special fee for lab.)

*Prerequisite:* BIO 150.

### **160. Botany. (4) Spring.**

Representative members of the plant kingdom are treated from the viewpoints of function, structure, genetics, phylogeny, ecology. Introduction to methods of taxonomy. Selected areas of applied botany. Lecture, laboratory and field. (Special fee for lab.)

*Prerequisite:* BIO 150.

### **220. Cell Biology. (4) Fall.**

An introduction to modern cell biology emphasizing structure and function of cells including fundamental metabolic processes, regulation, reproduction, transport and origin of cells. (Special fee for lab.)

*Prerequisite:* BIO 151. It is recommended that the student have completed CHM 101, 102 or be taking these courses.

### **221. Histology. (4) Spring.**

Microscopic anatomy of mammalian tissues with emphasis on primary tissues and basic organology. Lecture and laboratory. (Special fee for lab.)

*Prerequisites:* BIO 150, 151, 220.

### **322. Animal Physiology. (4) Spring.**

A study of function, with relation to structure of the vertebrates, especially mammals. Emphasis on excitable cells, nerve and muscle, homeostatic systems and on endocrine, osmoregulatory, circulatory, and respiratory systems. Lecture and laboratory. (Special fee for lab.)

*Prerequisite:* BIO 220.



**341. Developmental Biology. (4) Fall.**

A study of the early development of form and functions as it occurs in individual organisms. Special emphasis on utilization of genetic information, growth, differentiation, and morphogenesis. Lecture and laboratory. (Special fee for lab.)

*Prerequisite:* BIO 220. BIO 351 recommended.

**342. Analysis of Vertebrate Structure. (4) Fall.**

An anatomical comparison of chordates, with emphasis on functional morphology, ecological adaptations, natural history, evolution and behavior. Lecture and laboratory. Field trips. (Special fee for lab.)

*Prerequisite:* BIO 220.

**351. Genetics. (4) Fall.**

The nature of heredity and biological variation in plants and animals. Lecture and laboratory. (Special fee for lab.)

*Prerequisite:* BIO 150, 151, 160, 220.

**352. Microbiology. (4) Spring.**

An introduction to the morphology, classification, biochemical activity, and ecology of microorganisms. Pathogenic microorganisms and principles of immunology are considered. Lecture and laboratory. (Special fee for lab.)

*Prerequisite:* BIO 150, 151, 160, 220.

**398, 399. Special Topics in Modern Biology. (3,3)**

An in-depth examination of a special area of biology. The topics covered will vary from time to time and a student may take no more than two such special topics courses. Representative special topics include: biogeography, immunology, limnology, human sexuality, biosemantics, sociobiology, endocrinology, and others.

**402, 403. Biology Seminar. (1, 1) Fall, Spring.**

A general summary of the field of biology, including recent advances in various lines of research. Each student prepares one or more papers on a specific topic. Recommended for juniors and seniors.

**404, 405. Biochemistry I and II. (4, 4) Fall, Spring.**

See CHM 404, 405.

**410. Evolution. (3) Spring.**

Theories of evolution embracing genetics, behavioral and environmental considerations that relate to extinction and survival of species.

*Prerequisite:* BIO 220 and junior or senior standing.

**431. Ecology. (4) Fall.**

The study of interactions between organisms and their environments. Includes topics from biogeography, ecosystem analysis, and population biology. Lecture, laboratory and field. (Special fee for lab.)

*Prerequisite:* BIO 150, 151, 160, 220.

**451. Directed Independent Study. (1-6) Fall, Spring.**

Students who have demonstrated unusual ability are admitted to this course. The work consists of directed independent work of a critical or analytical nature with source material. Periodic reports and a final paper are required. The student may work under any staff member, but admission to the course must be approved by the Area Chair.

**452. Field Studies in Biology. (1-9)**

The main function of this course is to provide a means whereby a student can obtain credit in biology for experience gained in a biology-related summer internship or activity or regular term internship. It is open to students adequately prepared for the summer field activity or internship under consideration. In consultation with the Area sponsor, the student works out a brief plan involving objectives, anticipated activities, a list of readings, and nature of reports to be submitted to the sponsor. These would vary according to the project and could include, as relevant, evidence of work required by the field supervisor.

*Prerequisite:* Two semesters of laboratory science and adequate background for the proposed plan.



#### **461, 462. Honors in Biology. (1-15)**

A comprehensive honors experience in the major. The plan for the program is developed with the honors adviser.

## **BUSINESS ADMINISTRATION**

### **BUSINESS AND ECONOMICS**

The Area of Business and Economics offers several programs that provide special opportunities for students who are interested in careers in business and related fields. The programs in business benefit from generous endowments by the estate and family of the late D. Abbott Turner who was a prominent leader in business and civic affairs in Georgia and a trustee of Wesleyan. These endowments provide Wesleyan students with instruction, equipment, and special activities that add an important dimension to the educational process.

The D. Abbott Turner Program in Business Management includes two curriculum alternatives: The A.B. degree in Business Administration and the non-degree Business Management Certificate.

An accounting concentration is available to students who wish to prepare for the C.P.A. examination.

The Area also houses the D. Abbott Turner Center for the Advancement of Women in Business and the Professions. The activities of the Center include sponsorship of lectures, conferences, seminars, and research projects which promote entrepreneurship and business career opportunities for women. These activities provide students with the opportunity to discuss significant issues and experiences with successful women from the business community. The Center also provides a means of encouraging and assisting Wesleyan graduates as they progress in their careers.

The D. Abbott Turner Center of Free Enterprise provides Wesleyan students with instruction in business and economics and related fields by scholars who are active in research and publication in the fields. In addition to regular courses, the director organizes topical special lectures, directs studies, and research projects in which students may participate.

### **DEGREE REQUIREMENTS**

The Bachelor of Arts degree in Business Administration requires that the student complete 47 hours of course work in specified areas of essential business topics and advanced liberal arts subjects. The student majoring in business may use additional elective hours to design a concentrated area of study beyond the minimum major requirements in business management, marketing, economics, accounting, or in a non-business field. Completion of a second major in another field is encouraged.

The curriculum for the A.B. degree in Business Administration has been developed as an interdisciplinary program to provide the student with a combination of technical knowledge relevant to business careers and liberal studies that will encourage critical thinking and continued learning throughout life.

It is expected that many students will choose double majors. To encourage the pursuit of double majors, the curriculum allows a business area course waiver (a three-hour reduction in requirements in Area III).

Students majoring in business may not count the economics principles course, ECO 201, toward satisfaction of the general education distribution area requirement in social science. Business majors will be required to select ENG 102 as one of the courses to satisfy the Language section of the general education requirements. While not required, students are strongly



encouraged to take MAT 120 and CIS 100.

Nine areas encompassing the required courses have been identified:

- I. understanding the fundamental concepts of business;
- II. understanding the economic and financial dimensions of business management;
- III. understanding the collection, organization, and analysis of quantitative information;
- IV. understanding the historical and political context of business management;
- V. developing an awareness of the dimensions of human behavior as individuals and in organizations;
- VI. developing an appreciation of the arts and literature and their impact on the business environment;
- VII. understanding the issues in philosophy and values which influence the business environment;
- VIII. developing knowledge in one advanced area of business studies, and
- IX. integrating knowledge previously gained and developing experience in application of knowledge, research and critical thinking.

Courses listed for the Business Administration major are as follows:

I. BUS 200	(3)	VI. One course (300 or above level) from English, Literature, or Fine Arts	(3)
BUS 315	(3)		
BUS 301 OR 302	(1)		
II. ECO 201	(3)	VII. Choose one course from:	
ECO 205	(3)	PHI 223	(3)
ECO 310 or 311	(1)	PHI 224	(3)
		REL 308	(3)
III. BUS 201	(3)	REL 310	(3)
BUS 202*	(3)		
MAT 205	(3)	VIII. Choose one course from:	
ECO 320 or BUS 312	(1)	ECO 301	(3)
		BUS 323	(3)
IV. Choose one course from:		BUS 310	(3)
HIS 312	(3)		
POL 304	(3)	IX. BUS 488	(3)
POL 311	(3)	BUS 452	(3)
HIS 315	(3)	BUS 401	(1)
		BUS 402	(1)
V. Choose one course from:			
PSY 303	(3)		
SOC 309	(3)		
SOC 354	(3)		

\*A student who completes the requirements for a major in a second discipline may choose to waive this course and the required hours for the business major will be reduced by three in that case.

## CERTIFICATE PROGRAM IN BUSINESS MANAGEMENT

The Certificate Program in Business Management is intended to provide the student whose major is in a traditional liberal arts discipline with basic course preparation for entry level employment and management training programs in most businesses or for admission to graduate Master of Business Administration programs.\* This certificate is available to all students regardless



of major. The Certificate in Business Management will be awarded upon completion of the requirements for a Baccalaureate Degree. The Certificate Program in Business Management will not serve in lieu of a traditional major. The certificate program is also available to non-degree-seeking students, including those in the evening program. The certificate requires completion of the following prescribed 24 hours of courses with a grade of C or better in each and a grade point average of 2.5 or better in the whole 24-hour course sequence.

Bus 200 Introduction to Business Institutions and Concepts	(3 hours)
BUS 315 Principles of Management	(3 hours)
BUS 201 Principles of Accounting I	(3 hours)
ECO 201 Principles of Economics	(3 hours)
ECO 205 Principles of Finance	(3 hours)
BUS 310 Business Law	(3 hours)
Electives from Business or Economics course offerings	(6 hours)

\*Students planning to apply for admission to graduate management programs should take three hours of statistics and three hours of calculus in addition to the courses satisfying the requirements for the Certificate in Business Management.

## ACCOUNTING

The Area of Business and Economics offers all of the courses required as preparation for the Georgia Certified Public Accountancy (CPA) Examination. Students preparing for the CPA Examination typically major in business administration, but completion of a major in another field could be combined with the accounting preparation sequence. Completion of the following courses is required as preparation for the CPA Examination: BUS 201, 202, 310, 321, 322, 323, 324, 325, 326, 327.

## BUSINESS ADMINISTRATION (BUS)

### 200. Introduction to Business Institutions and Concepts. (3) Fall, Spring.

A survey of topics in management, marketing, finance, accounting, and law to introduce the body of knowledge of institutions and terminology needed prior to advanced study in the field of business. A computer simulation is incorporated to illustrate the use of computers in the business environment.

### 201. Principles of Financial Accounting. (3) Fall.

An introduction to the fundamentals, practices, and procedures of financial accounting. Covers the basic financial accounting concepts, the accounting cycle, and financial statement preparation.

*Prerequisite:* BUS 200 or permission of instructor.

### 202. Principles of Managerial Accounting. (3) Spring.

Introduces managerial accounting by contrasting it with financial accounting. Covers the principles of managerial accounting and preparation of job order costing, process costing, standard costing, inventory accounting, and problems of uncertainty.

*Prerequisite:* BUS 201.

### 301. Seminar on Women and Business. (1) Fall.

This seminar will examine a variety of issues associated with the growing participation of women in the work force and in business ownership and management. Extensive reading, writing, and discussion are required to encourage critical thinking and synthesis of knowledge from other studies.

### 302. Seminar on Commerce in Literature. (1) Spring.

This seminar will examine the impact of business and economic institutions as interpreted in various literary works. Extensive reading of selected poems, short stories, novels and essays will be assigned. Writing assignments and discussion will seek to develop critical insights and individual perspectives.



**303. Principles of Marketing. (3) Fall.**

Study of marketing functions: product policy, pricing, advertising, selling, distribution, and marketing research. Analysis of marketing problems using appropriate tools and concepts from other disciplines.

*Prerequisite:* BUS 200.

**306. Advertising Strategy. (3) Spring.**

An investigation of ideas, principles, and concepts used by management to inform consumers of the availability and attributes of products or services. (Given upon demand.)

**310. Business Law. (3) Spring.**

A study of the legal rules governing the more familiar business transactions and relations.

*Prerequisite:* BUS 200.

**312. Marketing Research Seminar. (1) Spring.**

This seminar provides experience in applying quantitative research and analysis knowledge to practical business problems in the area of marketing strategy, advertising and product design. Students will work individually or on teams to develop projects in consumer survey techniques, cost and pricing analysis, and advertising.

**315. Principles of Management. (3) Fall.**

The theories of general management are examined. Topics include organization, planning, control, and decision-making. The course synthesizes traditional management thinking with new insights from behavioral sciences and decision theory.

*Prerequisite:* BUS 200.

**318. Human Resources Management. (3) Spring.**

This course is a study of contemporary concepts and practices of personnel management. Emphasis is upon policies and procedures for recruiting, developing, and maintaining human resources requisite to the needs of a business organization.

*Prerequisite:* BUS 200.

**320. Investments Analysis. (3) Spring.**

An analytical approach to portfolio management is used. This course deals with the selection of common stocks, bonds, and other securities from the perspectives of both the individual and the institutional investor. (Given in alternate years. Given in 1990-91.)

**321. Intermediate Accounting I. (3) Fall.**

An intensive study of financial accounting functions and basic theory of accounting, with emphasis on financial statement preparation, and recognition and measurement of assets and liabilities. Text problems are supplemented by Lotus 1-2-3 application and case study.

*Prerequisites:* BUS 201 and 202.

**322. Intermediate Accounting II. (3) Spring.**

A continuation of BUS 321. Study of accounting for stockholder equity, securities, and investments, income measurement and preparation and analysis of financial statements.

*Prerequisite:* BUS 321.

**323. Cost Accounting. (3) Spring.**

Study of the nature, concepts and classifications of cost accounting. Topics include product costing, performance evaluation, and managerial decision analysis. (Given upon demand.)

*Prerequisites:* BUS 201, 202.

**324. Tax Accounting. (3) Fall.**

Income taxation of individuals is emphasized. Corporate taxation and tax research are also introduced. Theory and practical exercises are combined for maximum functional utility.

*Prerequisites:* BUS 201, 202.

**325. Advanced Accounting. (3) Fall.**

Advanced study in accounting principles and special problem areas. Topics include partnerships, combined corporate entities, consolidations, governmental and non-profit organization accounting. Computer spreadsheets will be utilized.

*Prerequisites:* BUS 321, 322.



**326. Auditing. (3) Spring.**

A study of the principles of accounting audits. Topics include the role of the auditor in the economic system, professional ethics in public accounting, internal control, procedures used in various business systems, working paper techniques, and financial statement reporting requirements.

*Prerequisites:* BUS 321, 322.

**327. Tax Accounting II. (3) Spring.**

Income taxation of corporations, partnerships, estates, and trusts. Theory and practical exercises are combined for maximum utility.

(Given in alternate years. Not given in 1990-91.)

*Prerequisite:* BUS 324.

**396, 397. Special Topics in Business.**

Examination of special topics, problems, or issues in business that seem particularly relevant to student needs and interests. The topics to be offered are announced annually.

**401. Seminar on Ethical Issues In Business. (1) Fall.**

An examination of a series of ethical issues which arise in the context of business management. The emphasis is upon the development of critical thinking and synthesis of knowledge from a variety of business and liberal arts studies.

*Prerequisite:* BUS 200.

**402. Entrepreneurship Seminar. (1) Spring.**

The principles of business plan preparation are introduced and students engage in research to identify entrepreneurship opportunities and present detailed business plans for possible new ventures.

*Prerequisite:* BUS 200.

**451. Directed Independent Study.**

This is a flexible program in which a student may investigate a topic of interest at an advanced level. Reading, oral analysis, discussion, group participation, and report writing will be required. Small groups of students may participate in coordinated studies related to a central theme.

*Prerequisite:* Permission of the Area Chair is required.

**452. Field Study.**

Through this course actual experience in a business setting is coordinated with academic exercises and readings. Field supervision will usually be provided by business or professional personnel.

**488. Business Policy Seminar. (3) Spring.**

Integration of the functional areas of business, study and discussion of real organizational problems from the perspective of top management. Emphasis is placed on development of critical thinking and conceptual skills. All cases are prepared using computerized spreadsheets.

*Prerequisites:* BUS 200, 201, 315, and ECO 201.

## **ECONOMICS (ECO)**

**120. Statistics. (3) Fall and Spring.**

See MAT 120, PSY 120, SOC 120.

**201. Principles of Economics. (3) Fall, Spring.**

A survey of the structure and functioning of the economy from the national policy perspective and from the individual market process perspective.

**205. Principles of Finance. (3) Spring.**

A study of the principles and institutions of financial and capital markets and of the financial operations of a business firm. Emphasis is on interest rate determination in competitive market economies, the capital asset pricing model, and operation of securities markets.

*Prerequisites:* ECO 201, BUS 201.



**300. Money and Banking. (3) Spring.**

An analysis of money in the economic organization, monetary theory, methods of stabilizing the price level, theories of bank deposits, discount policy, and the regulation of credit by central banks, and the interest rate.

*Prerequisite:* ECO 201

**301. Managerial Economics. (3) Fall.**

This course is a rigorous examination of the application of economic theory to business management, planning and policy analysis. Topics include consumer demand, production and cost relationships, profit maximization, industrial organization, capital and labor markets, and the impact of business cycles and national policy on the firm.

*Prerequisites:* ECO 201 and MAT 205.

**302. International Trade and Finance. (3) Spring.**

The theory of international trade and finance with special emphasis on the gains from trade, the terms of trade, the balance of payments, foreign exchange rates, and international monetary systems. (Given in alternate years. Not given in 1990-91.)

*Prerequisite:* ECO 201.

**310. Current Economic Policy Issues Seminar. (1) Fall, Spring.**

This seminar presents an intensive examination of selected economic problems and policy issues. Topics are adjusted each term to reflect changing events and public issues. (Given in alternate years. Not given in 1990-91.)

**311. Seminar on Economic History. (1) Spring.**

Through assigned reading, writing assignments and class discussions this course introduces the student to the primary features of economic history which have influenced modern economic institutions and policies. (Given in alternate years. Not given in 1990-91.)

**320. Decision Analysis Seminar. (1) Spring.**

This course examines the application of basic concepts of quantitative analysis to problems of economics and business planning. Emphasis is on practical application of elementary concepts of calculus and some basic statistical concepts. (Given upon demand.)

*Prerequisites:* MAT 120, ECO 120.

**396, 397. Special Topics in Economics. (3, 3) Fall, Spring.**

Based on student needs and interests, the department occasionally offers advanced study of specialized topics, issues, or economic problems.

**451. Directed Independent Study. (1-6)**

Independent study under careful supervision of significant topics selected in consultation with the instructor. Evaluation is determined on an individual basis.

*Prerequisite:* Permission of the Area Chair.

## CHEMISTRY

Chemistry majors have many career options. Recent graduates are in medical schools, dental schools, graduate schools, and are serving as industrial chemists, engineers, science librarians, and high school chemistry teachers.

The major program in chemistry at Wesleyan has several components. Course work, internship, and research are all a part of the program in chemistry. Academic credit may be earned for each of these three components. A student majoring in chemistry will take CHM 101, 102, 212, 221, 222, 301, 302, (28 semester hours) and eight hours from 396, 397, 404, 405, 420, 451, 452, 461 and 462. Additionally, PHY 121, 122, and MAT 205, 206 are required. Students planning graduate work should take additional mathematics, physics, and German.

A prospective chemistry major is urged to identify herself early so that she can have access to sequential courses on an orderly basis. Students who fail to complete CHM 102 by the end of the sophomore year will find that a chemistry major will require summer school or work



beyond the normal four years. The following courses are recommended for the freshman planning a chemistry major:

Fall	Spring
MAT 205	MAT 206
ENG 101	ENG 102
CHM 101	CHM 102
Elective	Elective

Students planning to apply to medical, dental, veterinary, medical or other health care related graduate institutions should consult the section on pre-professional education, in the 1989-91 Bulletin.

### Honors in Chemistry

Exceptional junior chemistry majors may be invited to design a special senior year experience. This program gives added flexibility to the gifted student, enabling her to concentrate on those areas that will be particularly important to her. The invitation is issued early in the spring semester during the junior year and in consultation with her adviser a student accepts or declines. In accepting she presents a plan for the senior year. A student who completes the proposed plan will graduate with an "Honors in Chemistry" degree.

## CHEMISTRY (CHM)

### 101, 102. GENERAL CHEMISTRY. (4,4) Fall, Spring.

A comprehensive introduction to chemistry including stoichiometry, atomic and molecular structure, kinetic theory, basic thermodynamics, reaction kinetics, chemical equilibria, and acid-base theory. The laboratory emphasizes quantitative analytical concepts. Lecture and laboratory. These courses satisfy the college general education distribution requirement for a laboratory science.

(Special fee for lab.)

*Prerequisite or co-requisite:* MAT 101.

### 212. Analytical Chemistry. (4) Fall.

A study of contemporary analytical chemistry emphasizing modern instrumental analysis as well as classical volumetric and gravimetric analysis. Two hours lecture and six hours laboratory per week. (Special fee for lab.)

*Prerequisite or co-requisite:* CHM 102.

### 221, 222. Organic Chemistry I and II. (4,4) Fall, Spring or as Summer Intensive Course.

An introduction to the chemistry of carbon compounds to include their structures, physical and spectral properties, chemical reactivity and synthesis. Lecture and laboratory. (Special fee for lab.)

*Prerequisites:* CHM 101 and 102 or equivalent general chemistry courses.

NOTE: This series of courses will fulfill the requirements in organic chemistry for schools of medicine, dentistry, veterinary medicine, pharmacy, and other advanced science programs.

### 301, 302. Physical Chemistry I and II. (4,4) Fall, Spring.

Fall: An introduction to general thermodynamics and chemical kinetics. Spring: Special emphasis on chemical bonding, molecular energies and mechanics, and electromagnetic properties of molecules. Lecture and laboratory. (Special fee for lab.)

*Prerequisites:* CHM 102, PHY 122, MAT 206.

### 396, 397. Special Topics in Chemistry. (3,3) Fall, Spring.

An in-depth examination of a special area of chemistry. The topics covered will vary from time to time and a student may take no more than two such special topics courses. Representative special topics include: advanced inorganic chemistry, organic mechanisms, synthetic chemistry, advanced kinetics, spectroscopy, and similar areas.



**404, 405. Biochemistry I and II. (4,4)** Fall, Spring.

A study of the structures, general reactions and biological functions of amino acids, proteins, carbohydrates, lipids and nucleic acids. Metabolic pathways will be examined and some special topics (vitamins, hormones, genetic engineering) may be discussed. Lecture and laboratory. (Special fee for lab.)

*Prerequisite:* CHM 222; 404 is prerequisite to 405.

**420. Research Methodology. (3)**

This course consists of projects designed to familiarize students with the latest developments in experimental design, techniques, equipment and research methods.

*Prerequisites:* CHM 221, 222, 301, 302.

**451. Directed Independent Study. (1-6)**

Under careful faculty supervision qualified students are encouraged to develop originality of thought and thoroughness of method. Special topics with periodic reports. Some emphasis is placed on research methods.

**452. Directed Independent Study. (1-6)**

Students in applied areas of chemical employment may elect to engage in this course. Specific requirements for the course include, but are not limited to, a log and a summary presentation.

*Prerequisite:* CHM 221 and permission of the instructor.

**461, 462. Honors in Chemistry. (1-15)** Fall, Spring.

A comprehensive honors experience in the major. The plan for the program is developed with the honors adviser. The course is open to selective seniors by invitation of the chemistry faculty.

## COMMUNICATION

The communication major is a forty-five hour, interdisciplinary major that emphasizes communication as it relates to the liberal arts. The major encourages critical thinking as well as competency in oral and written skills.

Communication courses coupled with courses in English, history, psychology, political science, and sociology provide an enriched background to pursue varied career opportunities. The student receives a strong theoretical and applied background in such courses as interpersonal communication, public speaking, mass media, persuasion, journalism and public relations.

A major in communication provides a student with a foundation for graduate and/or professional study, especially in communication specialties: public relations, personnel, media, journalism, teaching and counseling. A student may also choose to enter law school or medical school.

The following courses are required for a major in communication: COM 101, 102, 203, 215, 310, SOC 309 or COM 311, COM 340, COM 452, ENG 102, ENG 351 or ENG 356, HIS 315 or HIS 401, POL 304 or POL 311, PHI 223, PSY 303 and a newly-developed course in Art (Visual Communication).

## COMMUNICATION (COM)

**101. Fundamentals of Speech Communication. (3)** Fall and Spring.

Introductory survey of the theories of speech communication including the process of communication. Also involves verbal and nonverbal concepts within a variety of settings as well as improves and develops oral communication skills.

**102. Principles of Interpersonal Communication. (3)** Fall, Spring.

An introduction to basic theories of interpersonal communication. Emphasis on verbal, nonverbal, interpersonal and group communication. Theoretical and practical applications.

**203. Introduction to Journalism. (3)** Fall.

The study of modern news writing techniques (including metaphor analysis and reporting procedures).



**204. Voice and Diction. (3) Spring.**

Development of the voice as a versatile instrument as well as the study of anatomy of the voice production. Intensive practice in the controlled variation of pitch, dynamics, rate and resonance. (Given in alternate years. Not given in 1990-91.)

**215. Mass Media. (3) Fall.**

A study of the evolution, structure, and function of the mass media with emphasis on regulatory, social, and current issues affecting the media.

**308. Introduction to Oral Interpretation. (3) Fall.**

Analysis, adaptation and presentation of literature-prose, poetry and drama for oral performance. The emphasis is on individual performance and includes children's literature.

**310. Advanced Public Speaking and Rhetorical Analysis. (3) Spring.**

Advanced public speaking and rhetorical strategies in the history of the American speech tradition.

*Prerequisite:* COM 101.

**311. Public Relations. (3) Fall.**

The basic concepts and principles of communicating with the public and with private organizations. Theoretical and practical applications through case studies.

**340. Persuasion: Theory and Analysis. (3) Spring.**

An advanced study of persuasive symbolizing using ancient as well as contemporary rhetoricians.

**396, 397. Special Topics in Communication. (3,3)**

An in-depth study of a special area of communication or public relations. The topics will vary, depending on student needs and interests. A student may take no more than two such special topic courses. Representative special topics include techniques of interviewing, intercultural communication, and business and professional speaking (e.g., sales presentations).

*Prerequisite:* COM 101 or permission of the instructor.

**451. Directed Independent Study. (2,4,6) Fall, Spring.**

With careful supervision from the Academic Area, independent study is designed to teach original thinking and research.

*Prerequisite:* Permission of the instructor.

**452. Field Studies. (1-9) Fall, Spring.**

A practical experience in which the student will work within a speech communication medium to perform professional, creative or research functions under professional supervision.

*Prerequisite:* Permission of the instructor.

## **COMPUTER INFORMATION SYSTEMS**

Although a major is not offered in computer science, a Certificate Program in Computer Information Systems will provide the student with the basic course preparation for entry level employment in the field of computer information systems. This certificate is available to all students, regardless of major, and is designed for those majoring in one of the liberal arts disciplines. The certificate program will not replace a traditional major for a student working toward a baccalaureate degree, but it will be available to non-degree-seeking Encore students. Normally, the Certificate in Computer Information Systems would be awarded upon completion of requirements for the baccalaureate degree.

The certificate requires completion of courses CIS 100, 101, 210, 220, 222, and 240, along with 6 hours of elective from other CIS course offerings, for a total of 24 hours. All CIS courses must be passed with a grade of C or better.



## COMPUTER INFORMATION SYSTEMS (CIS)

### **100. Introduction to Computers and Information Processing. (3)**

The historical development of computing devices, the contemporary computer and its components and the impact of computers in society are used to acquaint students with the computer facility and the abilities of computers.

*Prerequisite or co-requisite:* MAT 101.

### **101. Microcomputer Applications. (3)**

An introduction to the uses of the microcomputer as a powerful computing tool. Topics include MS-DOS commands, flow charting, top-down design, BASIC programming, and use of software packages such as Lotus 1-2-3.

*Prerequisite:* CIS 100.

### **210. Introductory Programming. (3)**

An introduction to programming and problem-solving using the PASCAL language. The course emphasizes how to design, code, debug and document programs using techniques of good programming style.

*Prerequisite:* CIS 100.

### **220. COBOL Programming. (3)**

Programming in a high level, structured, business-oriented language. Business applications are emphasized. COBOL is commonly used in commercial data processing, accounting and file management applications.

*Prerequisite:* CIS 210.

### **222. RPG Programming. (3)**

Presents the practical fundamentals of the RPG II language, emphasizing structured programming and syntactical features as implemented on a minicomputer. RPG II is commonly used in business programming environments.

*Prerequisite:* CIS 210.

### **228. FORTRAN Programming. (3)**

Computer programming in a high level, structured, scientifically oriented language commonly used in statistical, computational and other numerical applications.

*Prerequisite:* CIS 210.

### **230. Computer Organization. (3)**

A broad survey of the electronic and mechanical components of a computer, including processing units, memory units, and input/output devices. Also includes an introduction to systems programs such as operating systems, compilers, and interpreters.

*Prerequisite:* CIS 210.

### **240. System Analysis and Design. (3)**

The study of the development cycle for an information system, including feasibility study, system specification, design and implementation, conversion and evaluation. An overview of a management information system is included.

*Prerequisite:* CIS 210.

### **320. Data Structures. (3)**

Techniques of information storage and utilization. Strings, lists, queue and tree structures, along with searching and sorting techniques are included.

*Prerequisite:* CIS 210.

### **370. Data Base Management. (3)**

Conceptual and logical models of a data base management system. Topics discussed include data access techniques and hashing, security, reliability and integrity. Students will write application programs which use a data base system.

*Prerequisites:* CIS 220.

### **397, 398. Special Topics in Computer Science. (3,3)**

Special topics may vary, but some common topics may include simulation, numerical analysis and data communication. A student may take no more than six semester hours in special topics courses.

*Prerequisite:* Dependent on special topic offered.



#### **440. Systems Design and Implementation. (3)**

Advanced coverage of the strategies and techniques associated with the design phase of the system cycle, including practical project applications.

*Prerequisite:* CIS 240 and 320.

#### **451. Directed Independent Study. (1-6)**

Independent study, under careful supervision, of significant topics selected in consultation with the instructor. Evaluation is determined on an individual basis.

*Prerequisite:* Permission of the Area Chair.

#### **452. Field Studies. (1-6)**

Specialized, intensive work experience in an area of computer science. This course offers the student invaluable hands-on experience with computer science applications in the business environment.

*Prerequisite:* Adequate course work for the business application selected and permission of the faculty sponsor.

### **ECONOMICS (See page 16.)**

## **EDUCATION**

### **Teacher Education Programs**

Wesleyan College offers programs in teacher education that prepare women to teach in grades kindergarten through twelve. The Area of Education offers programs in early childhood education, middle grades education, and secondary education. Special fields programs (grades K-12) are offered in conjunction with other areas of the College. The following teacher education programs are approved by the Georgia Department of Education with the numbers in parentheses representing the typical grade levels for which teacher certification can be obtained:

Early Childhood Education (K-4)

English Education (7-12)

Mathematics Education (7-12)

Middle Grades Education (4-8)

Music Education (K-12)

Science Education: Biology Emphasis (7-12)

Science Education: Chemistry Emphasis (7-12)

Social Science Education: History Emphasis (7-12)

Teacher Education at Wesleyan College is the responsibility of the college-wide Teacher Education Committee, operating under the leadership of the chairman of the Area of Education. This committee's responsibilities include, but are not limited to, the approval or disapproval of all teaching field programs submitted by the areas, admission of students to Teacher Education programs, admission of students to student teaching, and recommendation of students for graduation.

### **Teacher Certification**

Provisional teacher certification may be obtained as a part of the student's regular four-year program. Course work is approved and designed to meet requirements for certification in Georgia. In addition to a four-year degree from an approved college program, the Georgia State Department of Education requires that applicants successfully complete the Teacher Certification Test. Georgia has reciprocity agreements for certification with many other states.



Persons interested in teacher certification who have already earned a bachelor's degree can complete State Department of Education requirements at Wesleyan. They should consult with the Director of the ENCORE Program regarding admission and then with the appropriate faculty member in the Area of Education.

### **Admission to Teacher Education**

Each student who desires an education degree must apply for admission to the Teacher Education Program. Application for admittance to Teacher Education should be made upon completion of EDU 201. Any transfer student or ENCORE student transferring 27 hours or more of general education credit from an accredited college with a GPA of 2.50 or better may enroll in education courses for one semester. After the initial semester, the student must be admitted to Teacher Education through standard procedures before additional courses in education may be taken. Any ENCORE student holding a four-year degree from an accredited college with a GPA of 2.50 or better will be considered for admission to Teacher Education during her first semester at Wesleyan.

Acceptance into the Teacher Education Program is dependent upon the following requirements:

1. Completion of the Application for Admission to the Teacher Education Program form
2. A cumulative grade point average of 2.50
3. Satisfactory completion of a formal writing sample while in EDU 201
4. Completion of a speech evaluation. COM 101 may be required as a result of this evaluation.
5. Completion of the Declaration of Major form and its accompanying audit sheet
6. Completion of Proposed Schedule of Courses form
7. Completion of an interview with the coordinator of the program
8. Attainment of a C or better in EDU 201 and ENG 101
9. Completion of a minimum of nine General Education courses (six if special fields major)
10. Completion of CPR Certification

After acceptance into the Teacher Education program, a student must maintain a GPA of 2.50 in order to continue taking education courses and in order to be admitted to student teaching. Students must earn a grade of C or better in all professional education courses and teaching field courses. No professional education courses other than EDU 201, 209, and 302 may be taken before admission to the Teacher Education program except with special permission of the Chair of the Area of Education. Any student who is out of school for more than two semesters after acceptance into the Teacher Education Program must re-apply to the program.

### **Practicum Field Experience**

Teacher Education is a field-centered educational experience built around goals of attaining certain specified generic competencies. This means that students are actively involved in public and private school classrooms for portions of all the years they spend at Wesleyan. Required field experiences are of two types as indicated below:

#### **1. Observation and Practicum Related to Course Work**

In both teaching field courses and professional education courses, the student is required to observe and participate in activities with children and youth as specified in the objectives of these courses. These experiences may occur in public or private school settings.



## **2. The September Experience/ Student Teaching**

The September Experience at Wesleyan is designed to allow seniors planning to student teach the opportunity to participate in the beginning of the school year with the teacher and pupils with whom they will student teach.

Student Teaching is the culmination of professional field experiences and course competencies during the student's senior year. Students learn and teach for nine weeks in the classroom of a public school teacher who has been selected as being an excellent example of the teaching profession.

### **Admission to Student Teaching**

1. Upon application to Student Teaching, the student must have a grade point average of 2.50, and a grade of C or better must have been attained in all teaching fields and professional education courses.

2. A student must apply for Student Teaching during the first week of November for teaching in the spring semester, or the first week of April for teaching in the fall semester.

Admission to the College does not constitute admission to the Teacher Education Program nor does the latter constitute approval for student teaching. Each is a separate procedure.

### **TEACHER CERTIFICATION TEST (TCT)**

The Teacher Certification Test which assesses teaching content knowledge is required for teacher certification in Georgia. It is recommended that the TCT be taken during the student's senior year.

### **NATIONAL TEACHER EXAMINATION (NTE)**

Taking the National Teacher Examination (NTE) is also recommended during the student's senior year. The NTE is commonly used as a certification standard in some states.

### **Course Requirements**

In addition to the public and private classroom experiences, all Teacher Education programs require three types of academic work including general education, teaching field education, and professional education. A list of acceptable general education courses is available from the Area of Education. The teaching field component includes those courses specifically geared to providing the skills, attitudes, and cognitive content necessary to teach a specific age level or academic discipline in the schools. In order to receive state certification, a minimum grade of C is required in all courses applied to the teaching field and the professional education sequence. Professional education is provided through courses designed to aid the student in achieving certain minimal generic competencies required by the education profession. It includes courses in the foundations of education, growth and development of children in an educational context, learning theory, student teaching, and others. Student teaching must be completed in a middle Georgia classroom setting arranged by the Area of Education and supervised by its faculty and, in some cases, faculty from related Areas. Courses related to each major are described below.



## EARLY CHILDHOOD EDUCATION (K-4)

This interdepartmental major leading to the Bachelor of Arts degree is offered to students planning to teach in kindergarten and primary grades (K-4)

In view of the Georgia certification requirements, the student seeking teacher certification in either Early Childhood or Middle Grades Education must take general education course work to include 6 semester hours in each of the following: literature and language, fine arts, behavioral science, social science; and 8 semester hours in laboratory science.

The program is designed to give a broad background of general professional courses to assist in developing the understandings and competencies essential to effective teaching. Teaching field courses are selected from various Academic Areas of the College. The recommended sequence is as follows:

Fall Semester	Spring Semester
<i>Freshman Year</i>	
ENG 101*	EDU 201
Social Science	MAT 101*
Behavioral Science	ENG 102
Fine Arts	Behavioral Science
HPE 104*	Fine Arts
<i>Sophomore Year</i>	
PHY 101	PHY 102
EDU 209	EDU 302
ART 361	EDU 304
Social Science	MUS 372 or MAT 110
Literature and Language	EDU 311
<i>Junior Year</i>	
EDU 306	ENG 324
EDU 334	HPE 412
Social Science	EDU 308
CIS 100*	MUS 372 or MAT 110
Elective	Elective
	HPE activity
<i>Senior Year</i>	
EDU 305	EDU 402
EDU 307	EDU 404
EDU 410	EDU 405-7
EDU 420	
Elective	

\*Core curriculum requirement

### Recommended Electives

(10 semester hours)

A physical education activity course

Any biology, history, literature, mathematics, speech, or theatre course

A student may elect to concentrate in one area of study or to add additional breadth to the program.

## MIDDLE GRADES EDUCATION (4-8)

This interdepartmental major leading to the Bachelor of Arts degree is offered to students planning to teach grades 4-8. In view of the Georgia certification requirements, the student seeking teacher certification in either Early Childhood or Middle Grades Education must take general education course work to include 6 semester hours in each of the following: literature and language, fine arts, behavioral science, and 8 semester hours in laboratory science.

The program is designed to give a broad background of general professional courses to assist in developing the understandings and competencies essential in teaching pre-adolescent and adolescent students. Two concentrations are required to give the prospective teacher an in-depth understanding of content areas taught in grades 4-8. The primary concentration must contain a minimum of 15 semester hours beyond general education and core curriculum coursework. The secondary concentration must contain a minimum of 12 semester hours beyond general education and core curriculum coursework. The recommended sequence is as follows:

Fall Semester	Spring Semester
<i>Freshman Year</i>	
ENG 101*	EDU 201
Social Science	MAT 101*
Behavioral Science	ENG 102
Fine Arts	Behavioral Science
HPE 104*	Fine Arts
<i>Sophomore Year</i>	
PHY 101	PHY 102
EDU 209	EDU 314
Literature and Language	EDU 302
Social Science	EDU 312
Concentration	Concentration or MAT 110
<i>Junior Year</i>	
EDU 316	EDU 318
EDU 317	CIS 100*
Concentration	Concentration
Concentration	Concentration
Concentration	Concentration or MAT 110
<i>Senior Year</i>	
EDU 410	EDU 402
EDU 430	EDU 404
EDU 315	EDU 405-7
Concentration	
Concentration	

\*Core curriculum requirement



## **Special Fields Programs (1-12) and Secondary Education (7-12)**

Programs of study have been planned for students desiring to teach in the area of music. Teaching fields in grades 7-12 at secondary level are listed in the general introduction to the teacher education programs. A description of course requirements in these areas may be secured from the chair of the Area of Education or the Area germane to the particular program.

## **EDUCATION (EDU)**

### **201. Foundations of Education. (3) Fall, Spring.**

Major emphasis is placed upon historical, philosophical, legal and social foundations of education. Education trends and issues including multicultural needs, special needs of children, and future technological advances in education are also incorporated.

### **209. Human Growth and Development. (3) Fall.**

The study of the concepts and principles of human development and behavior that leads to the basic understanding of children and youth from conception through adolescence. Observation and a case study are required.

### **302. The Learning Process. (3) Spring.**

Development of the understanding of psychological principles of learning as they apply to the classroom. Theories of learning, motivation, and evaluation are presented along with practical applications for classroom use. Tests and measurements as related to educational settings are included.

### **304. Teaching of Reading in Early Childhood. (3) Spring.**

The development of an effective reading program for grades K-4 with emphasis on instructional methods, media, and materials in order to plan and implement experiences needed. A field experience is required. Students must register for 304 FE.

*Prerequisite:* EDU 201.

### **304 FE. Early Childhood Field Experience in Teaching Reading. (0)**

This 30-hour field experience is a component of EDU 304. The student will be placed in a public school classroom for the purpose of observing teacher and student behavior, assisting the teacher, and planning and implementing instruction with individuals, small and large groups. The field experience will be under the guidance of a master teacher and a college instructor.

### **305. Teaching of Language Arts in Early Childhood. (3) Fall.**

Students will study the methods for guiding development in the areas of creative dramatics, listening, speaking, spelling, and writing. Students will become familiar with materials used and ways of helping children with different abilities in early childhood (K-4). A field experience is required. Student must register for EDU 305FE.

*Prerequisite:* EDU 201.

### **305FE. Early Childhood Field Experience in Teaching Language Arts. (0)**

A component of 305. For course description see EDU 304FE.

### **306. Teaching of Science in Early Childhood. (3) Fall.**

Students examine objectives, experiences, and methods of teaching science in early childhood (K-4). Students will develop and demonstrate practical science units and lessons. A field experience is required. Students must register for EDU 306FE.

*Prerequisite:* EDU 201.

### **306FE. Early Childhood Field Experience in Teaching Science. (0)**

A component of 306. For course description see EDU 304FE.

### **307. Teaching of Social Studies in Early Childhood. (3) Fall.**

An examination of social studies activities pursued in early childhood (K-4) including computer software, media, textbooks, and other appropriate materials. The student will become acquainted with methods of presenting social studies to children. An integrated teaching unit is required. Also a field experience is required. Students must register for EDU 307FE.

*Prerequisite:* EDU 201.



**307FE. Early Childhood Field Experience in Teaching Social Studies. (0)**

A component of 307. For course description see EDU 304FE.

**308. Teaching of Mathematics in Early Childhood. (3) Spring.**

A study of the content of the early childhood (K-4) mathematics curriculum and the special methods of teaching the material. Materials appropriate to teaching mathematics are explored including software packages, manipulatives, textbooks, and teacher-made materials. A field experience is required. Students must register for EDU 308FE.

*Prerequisite:* EDU 201.

**308FE. Early Childhood Field Experience in Teaching Mathematics. (0)**

A component of 308. For course description see EDU 304FE.

**311. Nature of the Early Childhood Learner. (3) Spring**

An intensive study of the learner, aged 3 to 10, with an emphasis on creating learning experiences appropriate to developmental characteristics. The student will become familiar with levels of learning, multiple group instruction, and audio-visual aids instruction.

*Prerequisite:* EDU 201.

**312. Nature of the Middle Grades Learner. (3) Spring.**

An intensive study of the middle school as a special program for the 10-12 year old child going through the unique transcendent period of growth and development. This growth period includes the widest range of differences in terms of physical, social, and intellectual growth. This course will focus on each of these areas of growth and how the middle school program addresses the needs of the middle grades student.

*Prerequisite:* EDU 201.

**314. Teaching of Reading in Middle Grades. (3) Spring.**

The development of an effective reading program for grades 4-8 with emphasis on instructional methods, media, and materials in order to plan and implement experiences needed. A field experience is required. Students must register for EDU 314FE.

*Prerequisite:* EDU 201.

**314FE. Middle Grades Field Experience in Teaching Reading. (0)**

A component of 314. For course description see EDU 304FE.

**315. Teaching of Language Arts in Middle Grades. (3) Fall.**

Students will study the methods of guiding development in the areas of listening, speaking, spelling, and writing. Students will become familiar with materials used and ways of helping children with different abilities in middle grades (4-8). A field experience is required. Students must register for EDU 315FE.

*Prerequisite:* EDU 201.

**315FE. Middle Grades Field Experience in Teaching Language Arts. (0)**

A component of 315. For course description see EDU 304FE.

**316. Teaching of Science in Middle Grades. (3) Fall.**

Students examine objectives, experiences, and methods of teaching science in middle grades (4-8). Students will develop and demonstrate practical science units and lessons. A field experience is required. Students must register for EDU 316FE.

*Prerequisite:* EDU 201.

**316FE. Middle Grades Field Experience in Teaching Science. (0)**

A component of 316. For course description see EDU 304FE.

**317. Teaching of Social Studies in Middle Grades. (3) Fall.**

An examination of social studies activities pursued in middle grades (4-8) including computer software, media, textbooks, and other appropriate materials. The student will become acquainted with methods of presenting social studies to children. An integrated teaching unit is required. Also a field experience is required. Students must register for EDU 317FE.

*Prerequisite:* EDU 201.



**317FE. Middle Grades Field Experience in Teaching Social Studies. (0)**  
A component of 317. For course description see EDU 304FE.

**318. Teaching of Mathematics in Middle Grades. (3) Spring.**  
A study of the content of middle grades mathematics curriculum and the special methods of teaching the material. Materials appropriate to teaching mathematics will be explored including software packages, manipulatives, textbooks, and teacher-made materials. A field experience is required. Students must register for EDU 318FE.  
*Prerequisite:* EDU 201.

**318FE. Middle Grades Field Experience in Teaching Mathematics. (0)**  
A component of 318. For course description see EDU 304FE.

**324. Reading in the Content Area. (3) Fall.**  
Emphasis is given to teaching common and special reading skills. Also included will be basic understanding of developmental reading and the improvement of reading. Oral communication skill will be emphasized. (Given on demand.)  
*Prerequisite:* EDU 201.

**325. Methods and Materials of Language Arts for Secondary Education. (3) Fall.**  
Examines instructional materials, teaching strategies and evaluation procedures for teaching secondary school language arts. A practicum of 30 hours is required.  
*Prerequisite:* EDU 201.

**326. Methods and Materials of Science for Secondary Education. (3) Fall.**  
Examines instructional materials, teaching strategies and evaluation procedures for teaching secondary school science. A practicum of 30 hours is required.  
*Prerequisite:* EDU 201.

**327. Methods and Materials of Social Studies for Secondary Education. (3) Fall.**  
Examines instructional materials, teaching strategies and evaluation procedures for teaching secondary school social studies. A practicum of 30 hours is required.  
*Prerequisite:* EDU 201.

**328. Methods and Materials of Mathematics for Secondary Education. (3)**  
Examines instructional materials, teaching strategies and evaluation procedures for teaching secondary school mathematics. A practicum of 30 hours is required. (Given on demand.)  
*Prerequisite:* EDU 201.

**334. Diagnosis and Remediation of Reading Problems. (3) Fall.**  
An introduction to methods of diagnosing reading difficulties. Interpretation of data and remediation of problems will be included. A field experience is required. Students must register for EDU 334FE.  
*Prerequisite:* EDU 201, 304 or EDU 314.

**334FE. Field Experience in Diagnosis and Remediation of Reading Problems. (0)**  
This 30-hour field experience is a component of EDU 334. For course description see EDU 304FE.

**402. Classroom Management. (3) Fall, Spring.**  
An intensive study of various methods and philosophies of classroom management. Techniques for individual as well as group management will be studied including behavior modification. This course will be taken during the student teaching semester.  
*Prerequisite:* EDU 201.

**404. Seminar in Education. (3) Fall, Spring.**  
This course involves analysis of contemporary issues and problems in education, investigations of teaching requirements and responsibilities, as well as analysis of assessment procedures. This course will be taken during the student teaching semester.  
*Prerequisite:* EDU 201.



**405-6-7. Student Teaching (ECE, MG, S). (9) Fall, Spring.**

Included will be a minimum of nine full weeks of teaching in the public schools under the direction of classroom teachers and college supervisors. Open only to students who have been approved for this part of the program. Placement is made only by the Area of Education.

*Prerequisite:* EDU 201.

**410. Introduction to Exceptional Children. (3) Fall.**

An investigation of the problems of children evidencing mental, physical, emotional, and educational difficulties in the classroom, with emphasis on finding and implementing specific adaptive teaching techniques in the regular K-12 classroom. A 15-hour practicum in local programs is required.

*Prerequisite:* EDU 201.

**420. Early Childhood Curriculum, Media and Methods. (3) Fall.**

An intensive study of the curriculum, methods, and instructional procedures in early childhood education is involved. Opportunities will be provided for students to develop case studies of elementary schools. Media related to ECE methods will be studied.

*Prerequisite:* EDU 201.

**430. Middle Grades Curriculum, Media, and Methods. (3) Fall.**

An intensive study of the curriculum, methods, and instructional procedures in middle grades education is involved. Opportunities will be provided for students to develop case studies of middle schools. Media related to middle grades methods will be studied.

*Prerequisite:* EDU 201.

**440. Curriculum and Media for Secondary Schools. (3) Spring.**

An intensive study of the curriculum, methods, media and instructional procedures in secondary schools is involved. Opportunities will be provided for students to develop course plans, unit plans, and lesson plans. Each student will work on a special project in her area.

*Prerequisite:* EDU 201.

**451. Directed Independent Study. (1-6) Fall, Spring.**

Experiences to be designed to meet needs of students of early childhood, elementary, middle grades, or secondary education, and special education. Open only to advanced students with permission of the Area Chair.

**452. Field Studies. (1-9) Fall, Spring, and Summer.**

Work experience in educational situations during summer or one of the regular school terms, planned and coordinated by an education sponsor and done under the direct supervision of a field supervisor. Related readings and study required. Open only to advanced students with permission of the Area Chair.

**485. Nature of Learning Disabilities. (3) Spring.**

An introductory course studying characteristics of children with specific learning disabilities and emphasizing learning disorders in the classroom, problems of management, etiological factors, and review of research in the field and current trends. (Given on demand.)

**498, 499. Special Topics in Education. (3, 3)**

An in-depth study of a special topic in education. The topics covered will vary from time to time, and a student may take no more than two such courses within the department. Representative special topics include research in education, teaching in a culturally pluralistic society, informal education in American schools, and special education topics.

*Prerequisite:* Permission of the instructor.

## **HEALTH AND PHYSICAL EDUCATION**

While there is no major program in Health and Physical Education, the curriculum provides numerous opportunities for students to participate in a variety of courses including individual and dual activities, team sports, dance, aquatics, and personal and community health studies.



## HEALTH AND PHYSICAL EDUCATION (HPE)

### AWARENESS

#### 104. Contemporary Health Science. (3) Fall.

A study of the facts, principles, and concepts of the behavioral and natural sciences which pertain to healthful living. The student is encouraged to make personal, intelligent decisions regarding appropriate health behavior. Students will participate in laboratory activities and fitness assessments.

### AQUATICS

#### 103. Red Cross Beginner Swimming. (1)

This course is designed to equip individuals with basic water safety and swimming skills in order to make them reasonably safe while in, on, or about the water.

#### 201. Red Cross Intermediate Swimming. (1)

This course is designed to improve the student's ability to perform coordinated strokes and to increase the student's endurance. After completion, the noncompetitor should be a safer and more effective performer in the water.

*Prerequisite:* HPE 103 or permission of the instructor.

#### 203. Lifeguard Training. (2)

Instruction and Certification in American Red Cross Lifeguard Training Program. After completion the student will qualify to serve as a non-surf lifeguard.

#### 303. Water Safety Instructor. (2)

Instruction and Certification in the American Red Cross Water Safety Instructor Programs.

*Prerequisite:* American Red Cross Emergency Water Safety or Lifeguard Training Certificate.

### INDIVIDUAL AND DUAL ACTIVITIES

#### 130. Novice Horsemanship. (1)

Instruction in the basic principles of Hunt Seat Equitation and general horse care. Mounted and ground classes.

#### 133. Low Intermediate Horsemanship. (1)

Instruction and further development of novice horsemanship with emphasis on acquiring a strong independent seat and the balance and strength necessary for riding on the flat and preparing to learn how to jump.

*Prerequisite:* HPE 130.

#### 135. Beginning Jump. (1)

Introduces the rider to jumping both in and outside the ring. Emphasis is on safety and enjoyment.

*Prerequisite:* HPE 133.

#### 141. Equine Management. (3)

This course is designed to introduce the student to the basic concepts of horse care and management. Topics covered will include nutrition, disease, lameness, shoeing and foot care, equine behavior, grooming techniques, selection techniques, breeding, legal aspects of horse ownership, breed histories, stable construction, and stable management practices.

#### 142. Equine Management II. (3)

This course is a continuation of HPE 141, dealing with equine care, health, and safety.

*Prerequisite:* HPE 141.

#### 207. Beginning Tennis. (1) Fall, Spring.

Instruction and practice in beginning tennis.

#### 208. Intermediate Tennis. (1) Fall, Spring.

Instruction and practice in intermediate tennis.

*Prerequisite:* HPE 207 or permission of the instructor.



**209. Beginning Golf. (1) Spring.**

Instruction and practice in beginning golf.

**210. Intermediate Golf. (1) Spring.**

Instruction and practice in intermediate golf.

*Prerequisite:* HPE 209 or permission of the instructor.

**211. Fencing. (1) Spring.**

Instruction and practice in the fundamentals of foil fencing.

**213. Badminton and Archery. (1) Spring.**

Instruction and practice in the fundamentals of badminton and archery.

**217. Beginning Gymnastics. (1) Fall, Spring.**

Instruction in intermediate skills and routines for apparatus and floor exercise.

**218. Intermediate Gymnastics. (1) Fall, Spring.**

Instruction in intermediate skills and routines for apparatus and floor exercise.

*Prerequisite:* HPE 217 or permission of instructor.

**231. Intermediate Horsemanship. (1)**

Instruction will advance and build upon basic skills of Hunt Seat Equitation and horse care.

*Prerequisite:* HPE 130 or permission of instructor.

**232. Advanced Hunt Seat Equitation. (1)**

Instruction in advanced grade levels of Equitation. Emphasis on jumping, dressage, and horse management skills.

*Prerequisite:* HPE 231 or permission of instructor.

**233. Intermediate Flat; Dressage I. (1)**

Flat work introduces the student to the basic principles of dressage, development of a correct seat, use of leg and hand, use of the arena, and letters. Continues with a dressage test about rules and regulations as applied to the sport.

*Prerequisite:* HPE 133.

**235. Advanced Flat; Dressage II. (1)**

This course strengthens and refines skills acquired in HPE 133. It introduces more advanced movement and more advanced concepts including lateral work pirouettes, collection, cadence, and riding to music.

*Prerequisite:* HPE 233.

**251. Advanced Equine Management. (3)**

The course includes a study of nutrition, anatomy, physiology, and pharmacology of the equine species.

*Prerequisite:* HPE 141, 142.

**255. Advanced Topics In Equine Management. (3)**

Included in the course is a study of advanced first aid, veterinary care, breeding, and fitness training.

*Prerequisite:* HPE 141, 142.

**308. Advanced Tennis. (1) Spring.**

Opportunity to use the knowledge and skills acquired in the beginning and intermediate courses in a competitive atmosphere.

*Prerequisite:* HPE 208 or permission of the instructor.

## **DANCE**

**201. Folk and Square Dancing. (1) Fall.**

A course designed to acquaint the student with folk dances of selected cultures and the American square dance.



**120. Ballet I. (1)**

An introduction to ballet technique. Studies to include positions and placement of the body, barre and center floor adagio and allegro work.

**121. Ballet II. (1)**

A continuation of the study of ballet technique including barre and center floor adagio and allegro work. Ballet history.

*Prerequisite:* Ballet I or permission of the instructor.

**220. Ballet III. (1)**

Further study of ballet technique with an emphasis on ability to execute barre and center floor work.

*Prerequisite:* Ballet II or permission of the instructor.

**221. Ballet IV. (1)**

Advanced study of ballet technique, barre, and center floor work. Emphasis on a basic level of performance.

*Prerequisite:* Ballet III or permission of the instructor.

**122. Modern Dance I. (1)**

A course designed to introduce the student to movement, rhythm, and body awareness through the vocabulary of modern dance techniques.

**123. Modern Dance II. (1)**

A continuation of Modern Dance I.

*Prerequisite:* Modern Dance I or permission of the instructor.

**222. Modern Dance III. (1)**

Intermediate modern dance principles will be introduced with emphasis placed on center work.

*Prerequisite:* Modern Dance II or permission of the instructor.

**223. Modern Dance IV. (1)**

A continuation of Modern Dance III.

*Prerequisite:* Modern Dance III or permission of the instructor.

## **TEAM SPORTS**

**108. Soccer and Volleyball. (1) Fall.**

Instruction and practice in the techniques, skills, and strategy of soccer and volleyball.

**109. Basketball and Softball. (1) Spring.**

Instruction and practice in the skills and strategies of basketball and softball.

## **PROFESSIONAL COURSES**

**214. First Aid and Athletic Injuries. (2) Fall.**

A study of causes, preventions, and treatment for emergency care of injuries and illnesses. The course certifies the student in American Red Cross Standard First Aid.

**323. Camp and Recreation Leadership. (3) Spring.**

A course offering the opportunity to learn basic outdoor camping activities. The total camp program and role of the counselor will be studied along with the recreation concept in development, need, nature, purpose, organization, and administration.

**330. Foundations of Physical Education. (3) Fall.**

An introductory course focusing upon physical education as a discipline and a profession. The study of human movement is perceived as multifaceted, borrowing from such disciplines as the sciences and behavioral sciences, with application to the area of skill learning and instruction. Laboratory experiences are included.



**398, 399. Special Topics. (2,2) Fall.**

An in-depth examination of a special area of health and physical education. The topics covered will vary from time to time and a student may take no more than two such special topics courses. Representative special topics include: research design, children's athletics, tests and measurement, and adapted physical education.

**412. Professional Preparation for Elementary School Health and Physical Education. (3) Spring.**

A course designed to prepare elementary school teachers to teach health and physical education. Emphasis is given to commonly used teaching strategies and materials. Also included will be an emphasis on understanding the physical growth and development of children.

**451. Directed Independent Study. (1-6) Fall, Spring.**

Under careful faculty supervision, students with sufficient ability and background are encouraged to develop originality of thought and thoroughness of method on special topics with periodic reports.

*Prerequisite:* Permission of the instructor.

**452. Field Studies. (1-9)**

A practical experience in the field of Physical Education.

*Prerequisite:* Permission of the instructor.

## **CERTIFICATE PROGRAM IN EQUESTRIAN STUDIES**

The Certificate Program in Equestrian Studies is intended to meet the needs of students interested in working with horses. It combines classroom courses in equine science, physiology, nutrition, veterinary care, management, and health with practical training in riding, teaching, and training. The certificate is available to all students regardless of major. The program is also available to non degree seeking students. It will normally be awarded upon completion of the requirements for a Baccalaureate Degree and the completion of the following prescribed 25 hours of courses.

HPE 141 Equine Management I

HPE 142 Equine Management II

HPE 232 Advanced Hunt Seat Equitation

HPE 235 Advanced Flat; Dressage II

HPE 251 Advanced Equine Management

HPE 255 Advanced Topics in Equine Management

HPE 452 Field Studies, consisting of 2 internships of 3 hours each,  
1 internship of 3 hours at Wesleyan stables and 1 internship  
of 3 hours off campus.

## **ENGLISH**

English offers three different programs: English, English Journalism, and English Education. All three programs prepare students for graduate study and/or professional opportunities.

A student who elects English as a major must complete thirty-nine semester hours in English beyond English 101, 102. Among these thirty-nine, the student must take ENG 201, 202, 211, 212, 251, either ENG 307 or 308, and either ENG 396 or 397. In addition the student must take the following courses: two from ENG 301, 303, 312, 313, and 314; two from ENG 252, 315, 317, 334, and 354; and two from ENG 327, 329, 342, and 344. The forty-six hours of electives may come from related areas, such as art, communication, foreign language, history, music, philosophy, religion, and theatre. If a student intends to attend graduate school, she should take two foreign languages.



A student who majors in English Journalism must complete forty-two semester hours in English beyond English 101, 102 and twelve semester hours in communication. In addition, she must take between thirty-one and thirty-eight elective hours. A student interested in English Journalism should obtain from the Area Chair the program of courses required.

A student who chooses English Education as a major must complete thirty-nine semester hours in English beyond English 101, 102 and thirty-three hours in education. She must also take seven hours of electives. A student interested in English Education should confer with the Area Chair in English and in Education.

The courses in English are designed to present to the student a broad view of the development of English language and literature and a concentrated study of major figures within that development as well as intensive practice in written language.

## ENGLISH (ENG)

ENG 101 is a prerequisite for all English courses except ENG 100a and ENG 100b.

**100a, 100b. English as a Second Language. (3, 3) Fall, Spring.**

Grammar and patterns of American English for foreign students. Conversation exercises and pattern drills on difficulties of English grammar and vocabulary. Graded exercises in standard American punctuation. Controlled composition exercises based on sample English and American prose texts.

**101. English Composition: Essays. (3) Fall.**

The study and writing of essays as a means to clear and effective communication. Instruction in writing essay-type tests and the research process.

**102. English Composition: Fiction, Poetry, and Drama. (3) Spring.**

A composition course in which the student reads fiction, poetry, and drama. Emphasis on analysis and evaluation as a means of improving writing skills.

**201, 202. Historical Survey of English Literature. (3,3) Fall, Spring.**

The general literary characteristics of each period. The principal authors and illustrative material from their work. Parallel readings to give a background for the life of the age. First semester: literature from 450 to 1798. Second semester: literature from 1798 to 1980.

**211, 212. Survey of United States Literature. (3, 3) Fall, Spring.**

First semester: A historical survey of United States literature from the colonial period to 1870. Second semester: from 1870 to the present.

**251, 252. World Literature. (3, 3) Fall.**

A study of Western and Oriental literature in translation with emphasis on the comparative approach. (Given in alternate years; ENG 252 given in 1990-91.)

**301. Medieval Literature. (3) Spring.**

English literature from 1000 to 1400 with emphasis on Chaucer. Origins of types of medieval literature and European influences are studied. (Given in alternate years. Not given in 1990-91.)

**303. History of the Language. (3) Fall.**

A study of the growth of spoken and written English with an emphasis on the shaping influence of historical and social change from the Anglo-Saxon period to the present day. (Given in alternate years. Given in 1990-91.)

**307, 308. Shakespeare. (3, 3) Fall.**

A different selection of Shakespearean tragedies, comedies, and histories will be studied in each course. (Given in alternate years. ENG 308 given in 1990-91.)



**312. Seventeenth-Century English Literature. (3) Spring.**

A survey of seventeenth century literature with emphasis on Donne, Jonson, and Milton. (Given in alternate years. Not given in 1909-91.)

**313. The English Novel. (3) Fall.**

The major English novelists from Defoe to Hardy: a survey of the growth of prose fiction as a literary form. (Given in alternate years. Not given 1990-91.)

**314. Restoration and Eighteenth-Century English Literature. (3) Fall.**

A study of prose, drama, and poetry during the eighteenth century with emphasis on Neoclassicism as a literary mode and form of thought. (Given in alternate years. Given in 1990-91.)

**315. Romantic Literature. (3) Spring.**

A study of the principal poets and prose writers from 1798 to 1832. (Given in alternate years. Given in 1990-91.)

**317. Victorian Literature. (3) Fall.**

A study of the principal poets and prose writers of the reign of Victoria. (Given in alternate years. Not given in 1990-91.)

**320. Modern Literary Criticism. (3) Fall.**

An examination of major theories and approaches to literature in the twentieth century, followed by practical application of them. (Given upon demand.)

**324. Literature for Children and Adolescents. (3) Spring.**

Designed for teachers in the elementary schools and for homemakers. Various types of literature for preschool, elementary school, and junior high school age groups. The selection of a children's library.

**327. The Novel in the United States. (3) Fall.**

A study of the American novel from the eighteenth century to the present. (Given in alternate years. Not given in 1990-91.)

**329. American Short Story. (3) Fall.**

A historical study of the short story in United States literature. (Given in alternate years. Given in 1990-91.)

**334. The Literature of Today. (3) Spring.**

A survey of English and American literature since 1940 with emphasis on sources and special techniques and recent trends. (Given in alternate years. Given in 1990-91.)

**342. Major Writers in Nineteenth-Century American Literature. (3) Spring.**

A study of significant American authors of the nineteenth century. (Given in alternate years. Not given in 1990-91.)

**344. Major Writers in Twentieth-Century American Literature. (3) Spring.**

A study of significant American authors of the twentieth century. (Given in alternate years. Given in 1990-91.)

**351. Creative Writing: The Short Story. (1, 2, 3) Spring.**

Criticism of student work and suggestions for revision by private conference and roundtable discussion. (Given in alternate years. Given in 1990-91.)

**352. Creative Writing: Poetry. (1, 2, 3) Spring.**

Criticism of student work and suggestions for revision by private conference and roundtable discussions. (Given in alternate years. Not given in 1990-91.)

**354. English Literature in the Twentieth Century. (3) Spring.**

A survey of principal novelists and poets from 1900 to 1940. (Given in alternate years. Not given in 1990-91.)

**356. Advanced Expository Writing. (3) Spring.**

Practical application of the principles of rhetoric in composition and criticism with an emphasis upon word choice, rhetorical tropes, argument, supporting materials, structure, and style.



**396, 397. Special Topics. (3, 3)**

An in-depth study of a major writer, a genre, a theme, or a limited period of literary history. The topics will vary, depending on student needs and interest. A student may take no more than two special topics courses; at least one is required of all English majors. Representative special topics include the psychological novel, satire, personal literature (diaries and letters), Arthurian literature, Southern literature, and American poetry.

**451. Directed Independent Study. (1-6) Fall, Spring.**

Individual study of selected problems. Of special value in fulfilling one of the major author courses.

**452. Field Studies. (1-9) Fall, Spring.**

A practical experience in which the student will work within a communication medium (e.g., journalism, public relations, etc.) to perform professional, creative or research functions under professional supervision.

*Prerequisite:* Permission of the Area Chair.

## **FRENCH**

There is no major in French, but the student may combine French with Spanish or German for a major in Modern Languages (See Modern Languages, page 44). All Modern Language majors who plan to use a foreign language in any active way are strongly urged to participate in a Junior Year or Junior Semester Abroad program or an intensive summer course of studies in a country where the language of their study is spoken. The Area will gladly help any student in arranging such a study visit.

During the last decade, career opportunities for people knowledgeable in foreign language have increased considerably, largely because of increased investments in American business by foreign firms, increased international activities of many American corporations and financial institutions, and growing shortages of qualified personnel to fill linguistic positions in the United States military branches and in the United States foreign service.

## **FRENCH (FRN)**

**101, 102. Elementary French. (3, 3) Fall, Spring.**

Grammar, pronunciation, reading of simple texts, and elementary conversations.

**103, 104. Intermediate French. (3, 3) Fall, Spring.**

Review of grammar, selected readings, and conversation. This course is prerequisite to all advanced courses in French.

*Prerequisite:* FRN 101, 102.

**203, 204. French Composition and Conversation. (3, 3) Fall, Spring.**

Practice in the writing of French prose. Discussion in French of current events and topics of general interest.

*Prerequisite:* FRN 103, 104.

**301, 302. Survey of French Literature. (3, 3) Fall, Spring.**

A study of representative works in prose, poetry, and drama from the Middle Ages to the present. This course is prerequisite to all advanced literature courses.

*Prerequisite:* FRN 103, 104.

**396, 397. Special Topics in Foreign Languages. (3, 3)**

An examination of a special area of language or literature. The topics will vary from time to time, and a student may take no more than two special topics courses. (Not applicable to the major program unless approved by Area Chair.)

*Prerequisite:* Permission of the instructor.

**403. French Literature of the Twentieth Century. (3) Spring.**

Extensive readings from the works of the Surrealists, Gide, Anouilh, Camus, Sartre, Proust, and the contemporary writers.

*Prerequisite:* FRN 103, 104, 301, 302.



**451. Directed Independent Study. (1-6) Fall, Spring.**

Additional advanced work in French language or literature. Open only to juniors and seniors with the approval of the Area Chair.

## **GEOGRAPHY (GEO)**

**301. Human Geography. (3)**

An intensive study of the relationship of man to his natural environment. Climate, topography, and natural resources in various regions of the world are examined for their effect on the culture and welfare of the population. (Given on demand.)

## **GERMAN**

There is no major in German but the student may combine German with French or Spanish for a major in Modern Languages. (See Modern Languages, page 44.)

## **GERMAN (GER)**

**101, 102. Elementary German. (3, 3) Fall, Spring.**

Grammar, reading of simple texts, pronunciation, elementary conversations.

**103, 104. Intermediate German. (3, 3) Fall, Spring.**

Review of grammar, selected readings, conversation.

*Prerequisites:* GER 101, 102.

**203, 204. Advanced Conversation and Composition. (3, 3) Fall, Spring.**

Practice in the writing of German prose. Discussion in German of current events and topics of general interest. Practice in listening comprehension and response with tape programs on aspects of contemporary German life.

*Prerequisites:* GER 103, 104.

**396, 397. Special Topics in German. (3, 3)**

An examination of a special area of German language or literature. The topics will vary, and a student may take no more than two special topics courses. Representative special topics include history of the German language, nineteenth and twentieth century drama and tragicomedy. German lyric poetry, and nineteenth and twentieth century novel and short story.

*Prerequisite:* Permission of the instructor.

**451. Directed Independent Study. (1-6) Fall, Spring.**

Additional advanced work in German language or literature. Open only to juniors and seniors with the approval of the Area Chair.

## **HEALTH (See Health and Physical Education, p. 30.)**

## **HISTORY**

The student who pursues a major in history should emerge from the experience endowed with the following attributes: the critical and analytical skills requisite for coping with the problems posed by a rapidly changing world, the fundamental data essential for understanding the nature and meaning of today's world, and the ability to express concepts concisely and forcefully through both oral and written communication.

The acquisition of such attributes helps fulfill the traditional objectives of a liberal arts education and also affords a sound foundation for a wide variety of careers. A major in history is ideal for those who intend to engage in graduate work or to pursue careers in law, journalism, civil service, or librarianship. The program is also designed to meet the needs of those who wish to become certified to teach in the secondary schools.

A major in history requires eleven courses in history, distributed as follows: HIS 101,



102, 251, 252, 399, and any six additional courses in history.

Students contemplating a major in history are urged to take HIS 101, 102, in the freshman year and HIS 251, 252 in the sophomore year. Students planning to enter graduate school should take a foreign language. In addition, they should take the Graduate Record Examination in the spring of the junior year or early in the fall of the senior year.

## HISTORY (HIS)

**101, 102. World Civilization Past and Present.** (3, 3) Fall, Spring.

A survey of world civilization with emphasis upon the interaction of societies and peoples. Fall, to 1715. Spring, from 1715 to present.

**251. U.S. History to 1865.** (3) Fall.

A study of major themes and interpretations in American history from the colonial period through the Civil War.

**252. U.S. History Since 1865.** (3) Spring.

A study of major themes and interpretations in American history from Reconstruction to the present.

**311. Europe in the Nineteenth-Century.** (3) Fall.

A study of the Congress of Vienna and the reaction which followed it, the growth of nationalism and imperialism, the problems of and responses to industrialism, and the origins and nature of World War I. (Given in alternate years. Given in 1990-91.)

**312. Civil War and the Rise of Modern America.** (3) Fall.

The origins of the Civil War, Reconstruction, the growth of industrialism, and the rise of Populism. (Given in alternate years. Given in 1990-91.)

**315. Contemporary America.** (3) Spring.

A survey of the twentieth century American reform impulse, and America's role as a world power from the turn of the century to the present. (Given in alternate years. Not given in 1990-91.)

**320. American Constitutional Development.** (3) Fall.

See POL 320.

**325. The United States and Twentieth-Century Nationalism.** (3) Spring.

The evolution of American policy toward Asian, African, Latin American, and Middle Eastern countries during the twentieth century. Particular emphasis will be placed on American policy in Asia, Latin America, and the Middle East. (Given in alternate years. Given in 1990-91.)

**330. Russia in the Twentieth-Century.** (3) Spring.

A comprehensive survey of twentieth century Russian/Soviet history, giving special emphasis to the Russian revolutions, the triumph of Bolshevism and the development of a totalitarian Marxist state, the role of Soviet Union in international war and politics, and its changing position in a polycentric world. (Given in alternate years. Given in 1990-91.)

**396, 397. Special Topics in History.** (3, 3)

An in-depth examination of a special topic in history. The topics covered will vary from time to time and a student may take no more than two such special topics courses. Representative special topics include: Women in American History, the Twenties in American History.

**399. Methodology and Philosophy.** (3) Fall.

A study of the basic methods and tools of historical research and the technique of writing effective papers, and a study of philosophical problems posed by the discipline. This course is required for History, History/Political Science, and International Relations majors, who should take it in the junior year.

**401. The Contemporary World.** (3) Spring.

A study of the forces which have shaped world history since World War I; the political collapse of Europe; the new world roles of the United States, the Soviet Union, and Japan; and the spread of nationalism and technology to the underdeveloped countries. (Given in alternate years. Not given in 1990-91.)



**403. Age of Jefferson and Jackson. (3) Fall.**

Post-Revolutionary problems, the broadening of democracy, the westward movement, the humanitarian impulse, and the origin of sectionalism are considered. (Given in alternate years. Not given in 1990-91.)

**451. Directed Independent Study. (1-6) Fall, Spring.**

This is a flexible program in which a student, by special arrangement with the Area Chair, may investigate a topic of interest. Reading and analysis of selected material, as well as periodic reports, are required.

**452. Field Studies. (1-9)**

Through this course, actual experience in areas dependent upon historical methodology (museum work, archival work, etc.) will be coordinated by the college professor supervising the study. While field study hours will count toward the maximum forty-eight hours permitted in the major, they may not be applied toward the minimum thirty-three hours required in the major.

*Prerequisite:* Permission of the Area Chair.

## **HISTORY/POLITICAL SCIENCE**

The student who pursues a major in history/political science should emerge from the experience endowed with the following attributes: the critical and analytical skills requisite for coping with the problems posed by a rapidly changing world, the fundamental data essential for understanding the nature and meaning of today's world, and the ability to express concepts concisely and forcefully through both oral and written communication.

The acquisition of such attributes helps fulfill the traditional objectives of a liberal arts education and also affords a sound foundation for a wide variety of careers. A major in history/political science is ideal for those who intend to engage in graduate work or to pursue careers in law, journalism, and the civil service.

A major in history/political science requires twelve courses in history and political science, distributed as follows: POL 201, 460 and HIS 101, 102, 251, 252, 399 and any five additional courses in history and political science.

Students contemplating a major in history/political science are urged to take HIS 101, 102 in the freshman year and HIS 251, 252 and POL 201 in the sophomore year. Students planning to enter graduate school should take a foreign language. In addition, they should take the Graduate Record Examination in the spring of the junior year or early in the fall of the senior year.

## **POLITICAL SCIENCE (POL)**

**201. American National Government. (3) Fall, Spring.**

A survey of the nature, structure, and functions of American national government. Special emphasis is given to the role of the individual citizen in relation to democratic government.

**202. State and Local Government. (3) Spring.**

A study of the structure of state and municipal governments with special reference to their powers, problems, and future. Present trends are analyzed. (Given in alternate years. Given in 1990-91.)

**304. International Politics. (3) Fall.**

An examination of the patterns of interaction among nation-states. Domestic determinants of behavior as well as the constraints of the system as a whole are used to explain the patterns. (Given in alternate years. Given in 1990-91.)

**308. American Political Parties. (3) Fall.**

An examination and analysis of the political process through which America is governed. The operation of the two-party system, the role of pressure groups and splinter parties are studied in perspective. (Given in alternate years. Not given in 1990-91.)



**311. Comparative Politics. (3) Fall.**

An examination, analysis and comparison of important governmental systems of the contemporary world. The systems chosen will represent major types: Western and non-Western, democratic and authoritarian, mature and developing. (Given in alternate years. Not given in 1990-91.)

**320. American Constitutional Development. (3) Fall.**

A study of the evolution of major constitutional principles and processes as defined by significant Supreme Court decisions. The broad sweep of the growth of the American Constitution will be studied with emphasis on historical and current court interpretations in particular cases. (Given in alternate years. Given in 1990-91.)

**325. Public Administration. (3) Spring.**

A study of the major issues and problems associated with public administration in the United States. Includes an examination of the impact of social values and politics on the development and administration of public programs.

**396, 397. Special Topics in Political Science. (3, 3)**

An in-depth examination of a special topic in political science. The topics covered will vary from time to time and a student may take no more than two such special topics courses.

**435. Problem in International Relations. (3)**

Directed-reading and research providing an opportunity for qualified students with senior standing to pursue the study of a particular problem in international relations. Open only to International Relations majors.

*Prerequisites:* POL 311, 460, and HIS 399.

**451. Directed Independent Study. (1-6) Fall, Spring.**

This is a flexible program in which a student, by special arrangement with the Area Chair, may investigate a topic of interest. Reading and analysis of pertinent material as well as periodic reports are required.

**452. Field Study. (1-9)**

Through this course, actual experiences in government service are coordinated with readings and conferences with the college professor in charge. A government administrator will be the field supervisor.

*Prerequisite:* Permission of the Area Chair.

**460. Methodology and Philosophy of Political Science. (3) Fall.**

An examination of the history, scope and methodology of political science. Includes a study of selected policy issues from the areas of national security, economic welfare, and social justice. This course is required for all History/Political Science and International Relations majors who should take it in the senior year.

## **INTERNATIONAL RELATIONS**

The International Relations major is offered in the History/Political Science Area to provide an integrated study of the contemporary international environment. The emphasis is upon world politics and contemporary history with studies in international economics and modern foreign language. The program is compatible with a junior year abroad, and students are encouraged to consider that option. In consultation with the Area Chair, certain courses taken abroad may be substituted for the specified major requirements.

The major provides an excellent background for those who wish to pursue careers in international organizations (governmental and non-governmental) and in international business. It also provides ideal preparation for those planning careers in communication (print or electronic). The international relations major will help prepare the student for the appropriate graduate program.

The major consists of 27 semester hours beyond specified general education courses. The general education courses should be completed during the freshman and sophomore years.



- I. Required General Education Courses: 9-21 hours  
ECO 201 Principles of Economics  
Modern Language Completion of the 104 level  
HIS 102 World Civilization Since 1715  
HIS 252 U.S. History Since 1865
- II. Required Major Courses: 27 hours  
ECO 302 International Trade and Finance  
HIS 325 The United States and Twentieth-Century Nationalism  
HIS 315 Contemporary America  
HIS 330 Russia in the Twentieth Century  
HIS 399 Methodology and Philosophy  
HIS 401 Contemporary World  
POL 304 International Politics  
POL 311 Comparative Politics  
POL 460 Methodology and Philosophy of Political Science

## ITALIAN (IT)

While there is no major in Italian, the following course will be given when there is sufficient demand:

100. **Introductory Italian for Musicians.** (2) Fall.  
Introduction to the Italian language with emphasis on pronunciation, intonation, and diction.

## JAPANESE (JPN)

While there is no major in Japanese, the following courses will be given when there is sufficient demand:

- 100a, 100b. **Introduction to Japanese Conversation and Culture.** (2, 2) Fall, Spring.  
Pronunciation, conversation, and introduction to culture.

## MATHEMATICS

Majors in mathematics have many career options. Recent majors have taken jobs as computer programmer/analysts, engineers, computer technical sales representatives, and teachers, and they have gone to graduate school in mathematics and engineering.

The mathematics program at Wesleyan provides sufficient background both in depth and thoroughness for students to possess many options at the time of graduation. There are internships in mathematics-related areas that provide insights into careers in mathematics and mathematics-related areas. A student majoring in mathematics takes MAT 205, 206, 207, 208, 210, 311, 312, 401, and 402 (27 hours). Additionally, she selects nine (9) semester hours from among MAT 300, 320, 394, 395, 404, or 413. The major also requires PHY 121 and 122 and recommends at least nine semester hours of computer science courses.

A typical course distribution during the first two years at Wesleyan would include the following:

Fall	Spring
<i>Freshman</i>	
MAT 205	MAT 206
ENG 101	General education elective
General education elective	General education elective
General education elective	General education elective



### *Sophomore*

MAT 207  
PHY 121  
MAT 210  
General Education Elective

MAT 208  
General Education Elective  
PHY 122  
General Education Elective

### **Honors in Mathematics**

Exceptional junior math majors may be invited to design a special senior year experience. This by-invitation-only program gives added flexibility to the gifted student pursuing a major in mathematics. Details concerning this special option available to gifted students are available by consulting the Area Chair.

### **MATHEMATICS (MAT)**

#### **101. College Algebra and Trigonometry. (3) Fall, Spring.**

Essentials of algebra and trigonometry. Functions and their graphs, including algebraic and trigonometric functions. Solutions of inequalities and equalities.

*Prerequisite:* High School algebra I and II and Geometry.

#### **110. Survey of Modern Elementary Mathematics. (3) Spring.**

This course is designed primarily for education majors and covers inductive and deductive logic, validity of arguments, number systems, prime numbers, divisibility tests, history of mathematics, number bases, clock arithmetic, modular arithmetic, groups, geometry, and the metric system. (Given in alternate years.)

#### **120. Statistics. (3)**

A study of the binomial and normal distributions, measures of central tendency, tests of hypotheses, chi-square tests, tests for homogeneity and independence, confidence intervals, tests for randomness, regression, and correlation.

*Prerequisite:* MAT 101.

#### **205. Calculus I. (3) Fall, Spring.**

Analytic geometry, limits, continuity, differentiation, the mean value theorem, applications to relative and absolute extrema.

*Prerequisite:* MAT 101 or permission of the instructor.

#### **206. Calculus II. (3) Spring.**

Theory and applications of the definite integral, differentiation and integration of transcendental functions, techniques of integration, conics and polar coordinates.

*Prerequisite:* MAT 205 or acceptable score on AP-Calculus AB test and one year or more of calculus.

#### **207. Calculus III. (3) Fall.**

Indeterminate forms, improper integrals, parametric equations, infinite series, conics and polar coordinates, and vectors in two or three dimensions.

*Prerequisite:* MAT 206 or acceptable score on AP-Calculus AB test and one year or more of calculus.

#### **208. Calculus IV. (3) Spring.**

Partial differentiation, multiple integrals, vector calculus, and multi-variable calculus.

*Prerequisite:* MAT 207.

#### **210. Linear Algebra. (3) Fall.**

Linear spaces, linear transformations, matrices, determinants, linear systems, eigenvalues, eigenvectors, and diagonalization.

*Prerequisite:* MAT 205.

#### **300. Ordinary Differential Equations. (3) Spring.**

A study of first and second order differential equations and higher order linear differential equations including power series methods, Laplace Transform, and a brief introduction to numerical techniques.

*Co-requisite:* MAT 208.



**311. Abstract Algebra I. (3) Fall.**

A study of groups, subgroups, the Sylow theorems, rings, ideals, domains, unique factorization domains and id domains. (Given in alternate years. Not given in 1990-91.)

*Prerequisite:* MAT 210.

**312. Abstract Algebra II. (3) Spring.**

A study of fields, modules, and Galois theory. (Given in alternate years. Not given in 1990-91.)

*Prerequisite:* MAT 311.

**320. Geometry. (3) Fall.**

A rigorous study of the properties of Euclidean geometry with special attention to incidence and metric properties introduction to the elementary properties of non-Euclidean geometries. (Given in alternate years. Not given in

*Prerequisites:* MAT 101, 205, 206, or permission of instructor.

**394, 395. Special Topics in Higher Mathematics. (3, 3)**

An in-depth examination of an area in advanced mathematics. The topics covered will vary from time to time a student may take no more than two such special topics courses. Representative special topics include: graph combinatorics, history of mathematics, and mathematical modeling.

*Prerequisite:* Permission of the instructor.

**401. Real Analysis. (3)**

A study of the algebraic and topological properties of the ordered field of real numbers, sets, functions, limits, differentiation and integration. (Given in alternate years. Given in 1990-91.)

*Prerequisite:* MAT 208.

**402. Real Analysis II. (3) Spring.**

A study of the analytical properties of functions of several real variables including differentiation, the inverse function theorem, integration, simplex and chains, and Stokes theorem. (Given in alternate years. Given in 1990-91.)

*Prerequisites:* MAT 210 and 401.

**404. Set Theory and Metric Spaces. (3)**

Topics covered include countable and uncountable sets, well-ordered sets, Zorn's Lemma, the Axiom of Choice properties of metric spaces.

*Prerequisite:* MAT 401.

**413. Mathematical Statistics. (3) Fall.**

A rigorous mathematical treatment of hypothesis testing, chi-square tests, tests for homogeneity and independence for randomness, regression, and correlation.

*Prerequisite:* MAT 206.

**451. Directed Independent Study. (2, 4, 6) Fall, Spring.**

Under careful faculty supervision, students with sufficient ability and background are encouraged to develop original thought and thoroughness of method. Special topics with periodic reports.

**452. Field Study. (1-9)**

A practical experience in which the student works in some area of mathematics, such as insurance or teaching.

*Prerequisite:* Permission of the Area Chair.

**461, 462. Honors in Mathematics. (1-6) Fall, Spring.**

A comprehensive honors experience in the major. The plan for the program is developed with the honors advisor course is open by invitation only.

**MEDICAL TECHNOLOGY** (See 1989-91 *Bulletin* for description.)



## MODERN LANGUAGES

(Spanish-French; French-Spanish; Spanish-German; French-German)

For a major in Modern Languages, the student must complete seven courses (21 semester hours) beyond the basic course (101, 102) in the major language and five courses (15 semester hours) beyond the basic course in the second language.

During the last decade, career opportunities for people knowledgeable in foreign language have increased considerably, largely because of increased investments in American business by foreign firms, increased international activities of many American corporations and financial institutions, and growing shortages of qualified personnel to fill linguistic positions in the United States military branches and the United States foreign service.

## MUSIC

The Bachelor of Arts degree with a major in music is designed for those students who wish to continue their study of music in college while acquiring a broad background in the humanities, social sciences, and natural sciences. It is an appropriate preparation for advanced degrees. With a double major in another area, such as business, career opportunities are expanded to include such careers as Arts Management. A candidate for the Bachelor of Arts degree with music as a major must complete a minimum of 45 semester hours in music. In this program, the candidate is expected to select an area of applied music and reach a proficiency level of either 206B in organ, 202B in piano, or 208B in voice. Voice primaries must also attain a proficiency level of 101B in piano. The applied music studies continue throughout the student's tenure at Wesleyan. The following is an outline of the requirements in this program:

AREA	NUMBER OF SEMESTER HOURS
Applied Area.....	12
Theory 121, 122, 123, 124, 221, 222, 223, 224.....	16
History 133, 331, 332.....	9
Ensemble for at least eight semesters.....	8
General education requirements.....	35
Electives.....	<u>40</u>
	120

For course descriptions as well as information on the Bachelor of Music Degree, see page 63.

## PHILOSOPHY AND RELIGION

The program with a major in philosophy and religion has for its objectives the understanding of man's spiritual and moral heritage and the exploration of important problems in the area, including the study of the major systems which have attempted to deal with them, particularly those in the Western world. If a student is not certain about a career in the church, or if she wants a broader base than that offered by the study of religion, the philosophy-religion combination would be desirable. Wesleyan graduates with this major have entered graduate schools in law, philosophy, or religion. These graduates also have found employment in the church, in public relations, in banking, in various family and children's services, and in other areas within the scope of human resources.

A major in philosophy and religion consists of a minimum of 27 semester hours in philosophy and religion. The following courses are required: PHI 101, PHI 371, PHI 451, REL 100, and REL 230. The remaining courses will be selected through individual counseling with the major instructor in order that the major program will meet the needs and interests of the student.



## PHILOSOPHY (PHI)

### 101. Introduction to Philosophy. (3) Fall, Spring.

A survey course which follows a topical method. The principal areas of philosophical thought and the outstanding philosophers of the Western tradition are studied.

### 221. History of Philosophy, Ancient and Medieval (3) Fall.

A study of significant Western philosophers from the Pre-Socratics to the late medieval period. (Given in alternate years. Not given in 1990-91.)

### 222. History of Philosophy, Modern. (3) Spring.

The development of philosophy in the Western world from the late medieval period to the nineteenth century. (Given in alternate years. Not given in 1990-91.)

### 223. Ethics. (3) Fall.

A study of the development of philosophical principles of ethics with emphasis on contemporary approaches to the problems of individual and group conduct. (Given in alternate years. Not given in 1990-91.)

### 224. Logic. (3) Fall.

A survey of philosophical logic with one-fourth of the semester devoted to Aristotelian logic, one-fourth to symbolic logic, and one-half to logic in contemporary rhetoric. (Given in alternate years. Given in 1990-91.)

### 301. Existentialism. (3) Spring.

A study of Existentialism and its effects on modern philosophy and theology. Special emphasis is given to Kierkegaard and Sartre. (Given in alternate years. Given in 1990-91.)

### 371. Philosophy of Religion. (3) Spring.

A study of the basic issues concerning religion as they have been discussed by philosophers. Special emphasis is placed on twentieth century thought. (Given in alternate years. Given in 1990-91.)

### 396, 397. Special Topics in Philosophy. (3, 3)

A detailed examination of a particular area or issue in philosophical studies. The topics will vary according to the interests of students and the instructor. Possible offerings include epistemology, metaphysics, the philosophy of science, or the problem of personal identity. A student may take no more than two special topics courses.

*Prerequisite:* Permission of the instructor.

### 402. Seminar in Philosophy. (3)

An in-depth study of the writings of a historically significant philosopher, such as Plato, Aristotle, Locke, Berkeley, Descartes, Spinoza, Hume, Kant, Hegel, or Wittgenstein. (Given upon demand.)

*Prerequisite:* PHI 101.

### 451. Directed Independent Study. (3) Fall, Spring.

Under faculty supervision the student undertakes a research project culminating in the writing of a paper.

*Prerequisite:* PHI 101.

## PHYSICAL EDUCATION (See Health and Physical Education, page 30.)

## PHYSICS

While no major is offered in physics, courses in physics are offered for other major programs. Students majoring in mathematics, chemistry, and pre-engineering are required to take physics, and students who plan graduate work in engineering, computer science, or biology or plan careers in marketing or sales in technical areas should elect physics courses.

Students who plan to teach in an early childhood program or in middle school should elect PHY 101, 102 as their science sequence to fulfill the general education requirement.



## PHYSICS (PHY)

### **101, 102. Physical Science. (4, 4)** Fall, Spring.

A study of the principles of physics, astronomy, meteorology, chemistry, and geology as applied to the natural environment. Physical considerations include mechanics, light, heat, sound, magnetism and electricity. Chemical considerations include atomic and molecular structures, organic chemistry, nuclear chemistry, energy issues and real-world chemistry. Lecture and laboratory.

*Prerequisite or co-requisite:* MAT 101.

### **121, 122. General Physics. (4, 4)** Fall, Spring.

A course in classical physics covering Newtonian mechanics, thermodynamics, electricity and magnetism, and waves and optics. Lecture and laboratory. (Special fee for lab.)

*Prerequisite:* MAT 206 or permission of the instructor.

### **123. Waves, Optics and Thermodynamics. (4)** Fall.

A study of the development of modern physics with emphasis in kinetic theory of matter, quantum theory, Schrodinger equation, atomic physics and other topics of special interest. Lecture and laboratory. (Special fee for lab.)

*Prerequisite:* MAT 206 or permission of the instructor.

### **298, 299. Special Topics in Physics. (3, 3)**

An examination of a special area in physics. Topics will vary from time to time. Representative special topics include: astronomy, the physics of music, and advanced mechanics. Prerequisites vary with the level of the special topics courses.

## POLITICAL SCIENCE (See page 40.)

## PSYCHOLOGY

The objective of a study of psychology is the understanding of human behavior. Fulfillment of this objective involves explorations of the abilities, motives, thoughts, feelings, and behaviors of humans. Understanding of self and of others is a primary goal.

A major in psychology enables a student to enter personnel and other business and industrial work, as well as educational, social, and religious work. Some students become psychology technicians or enter rehabilitation or probation work.

A major in psychology also provides a student with a foundation for graduate and/or professional study, especially in these psychological specialties: clinical, counseling, community, consulting, educational, experimental, industrial, psychometrics, school and social. A student may also choose to enter medical or law school.

A major in psychology requires the two basic courses, PSY 101 and 102; nine additional courses, including PSY 120, 205, 206, 305, 306, 307, and 401 are required. SOC 101 and 102 are also required. Two additional courses in psychology are required for a total of 39 hours in the major.

It is suggested that PSY 101 and 102 be taken during the freshman year. PSY 120 and 205 should be completed before the junior year.

## PSYCHOLOGY (PSY)

### **101, 102. General Psychology. (3, 3)** Fall, Spring for both.

The major objectives of these courses are understanding of human behavior and communication to students what psychologists have learned about human behavior. The first course (PSY 101) takes a personal-social emphasis while the second (PSY 102) takes a more general-scientific emphasis.

### **120. Statistics. (3)** Fall, Spring. See MAT 120.

### **205. Abnormal Psychology. (3)** Fall.

A study of the various forms of psychological abnormality as regards their incidence, their causes, and the methods of prevention and treatment.

*Prerequisite:* PSY 101.



**206. Psychology of Personality. (3) Spring.**

A study of the environmental and inherited factors which produce a particular personality structure. Theories studied include: psychoanalytic, social, learning, factor, organismic, constitutional, stimulus-response, operant reinforcement, and existential.

*Prerequisite:* PSY 101.

**207. Physiological Psychology. (3)**

A study of the physiological basis for human behavior. The primary goal of this course is to provide the student with a knowledge and an overview of recent and significant developments in this area. (Given only upon sufficient demand.)

*Prerequisites:* PSY 101, 102, 120.

**303. Social Psychology. (3) Fall.**

A survey examination of the individual's response to the social environment. The social interaction process is explained through an analysis of theory and research relevant to social perception, impression management, attitude formation and change, interpersonal attraction, pro-social behavior, aggression, group processes and leadership, the environment and social behavior, and individual differences in social behavior.

*Prerequisite:* PSY 101.

**305. Research Methods in the Behavioral Sciences. (3) Spring.**

An introduction to scientific methods of social research. Lectures and laboratory experiences focus upon the philosophy of science and measurement, experimental and quasi-experimental design, data collection and analysis, and interpretation and critical evaluation of research results.

*Prerequisites:* PSY 101 and PSY 120.

**306. Systems of Psychology. (3) Fall.**

This course is designed to acquaint the student with contemporary points of view in psychology by a survey of modern psychological schools, their historical development, special problems and contributions to the field.

*Prerequisites:* PSY 101, 102, 120, 205, 206.

**307. Psychological Testing. (3) Fall.**

A consideration of the value and uses of many types of tests, including general and special abilities, interests, temperament, projective, aptitude, etc. Laboratory experience in the administration of certain tests will be a significant part of the course. Methods of treating test results and applying them to educational and personal problems are also considered.

*Prerequisites:* PSY 101, 102, and 120.

**314. Learning and Memory. (4)**

Principles of respondent and operant conditioning as well as memory and cognition in terms of possible mechanisms, current research, and theory are examined. Lecture, discussion, and laboratory.

*Prerequisites:* PSY 101, 102, 305, MAT 120, or permission of Area Chair.

**331. Child Psychology. (3) Spring.**

A study of behavior and development from conception to adolescence with emphasis on infancy and early childhood. Theory and research pertaining to physiological, cognitive, social, and emotional factors in child development are examined. (Given in alternate years. Not given in 1990-91.)

*Prerequisite:* PSY 101.

**332. Psychology of Adolescence and Early Adulthood. (3) Spring.**

A study of the physical, cognitive, social, and personality development which characterizes adolescence and early adulthood. Emphasis will be on recent research, developmental tasks, and problems of adjustment. (Given in alternate years. Given in 1990-91.)

*Prerequisite:* PSY 101.

**396, 397. Special Topics in Psychology. (3, 3)**

An in-depth examination of a special topic in psychology. The topics covered will vary from time to time, and a student may take no more than two such special topics courses. Representative special topics include: Women in psychology, techniques of behavior modification, theories of learning, counseling techniques.

*Prerequisite:* PSY 101.

**401. Seminar. (3) Fall.**

Group study and discussion of important psychological problems and topics. Open to psychology majors of senior standing.

*Prerequisites:* PSY 101, 102, 120, 205, 206, 305.



**451. Directed Independent Study. (1-6) Fall, Spring.**

Designed to meet the individual's particular needs. Each program is different. Individuality, initiative and creativity are stressed.

*Prerequisite:* Psychology major of senior standing or permission of the Area Chair.

**452. Field Study. (1-9) Fall, Spring.**

Through this course actual experience in community setting, including hospitals, clinics and other agencies, is coordinated with assigned readings and conferences with the college coordinator in charge. The field supervisor will be an approved member of the staff where the experiences are obtained. To be given in any term or in the summer.

*Prerequisite:* Permission of the Area Chair.

## RELIGION

The A.B. program in religion is based mainly on the Jewish and Christian traditions. It seeks to acquaint the student with the the major religious systems, particularly Western Christianity, with man's spiritual and moral heritage, and with the more important problems in religion. If the student is interested in a church-related or service-oriented career, or is interested in learning more about the quest for a deeper meaning in life, she may want to major in religion. This program is also an excellent foundation for the subsequent pursuit of a theological degree.

Graduates with the major may find employment in the church, family and children's services, public relations, banking, and other areas within the scope of human resources.

A major in religion includes a minimum of 27 semester hours of courses in religion. The following courses are required: REL 100, REL 101 or 102, REL 220, and REL 451 or 452. The remaining courses may be chosen from among any of the offerings in religion with the help and guidance of the student's adviser.

## RELIGIOUS EDUCATION

An A.B. major in religious education is an expansion of the general religion program that is geared primarily to church-related employment. While a graduate degree in religious education is important for a professional career, this program tries to prepare the student to perform the jobs assigned in the local church. Aside from a church-related job, a graduate in religious education may find employment in various family and children's services, and other areas within the scope of human resources.

An internship program, often in a local church setting, is required to assist the student in gaining basic understanding of a specific vocation in religion. The internship program is usually scheduled in the junior or senior year. The program includes courses in education and the behavioral sciences.

A major in religious education consists of a minimum of 30 semester hours in religion and philosophy. The following courses are required: REL 100, REL 101 or 102, REL 281, REL 381, REL 481. The remaining five courses may be chosen from among the offerings in the Area, preferably REL 103, REL 200, REL 230, PHI 101, and PHI 371. Aside from the courses in the Area of Religion and Philosophy, a religious education major is required to take EDU 209, EDU 300, PSY 101, and PSY 205.

## RELIGION (REL)

**100. Introduction to Religious Studies. (3) Fall.**

An exploration of the place of religion in contemporary culture. Two important goals of the course are to introduce the study of religion as an academic discipline and to aid the individual student in the quest for personal religious meaning. Strongly recommended as the beginning course in religion.



**101. The Old Testament. (3) Fall.**

An introduction to the Old Testament emphasizing development in the areas of literature, history, and religion.

**102. The New Testament. (3) Spring.**

A study of the background of the period, the synoptic gospels, letters of Paul, and other books of the New Testament.

**103. A Survey of the Christian Religion. (3) Fall.**

A study of the history of the Christian church and the development of its ministry, sacraments, creeds, ecclesiastical forms, writings, and art. Emphasis is on outstanding leaders and crucial turning points. (Given upon demand.)

**121, 122. New Testament Greek. (3, 3)**

A beginning study of the Greek language with particular reference to the form of the language used in the New Testament. Emphasis is on grammar and translation.

**220. Eastern Religions. (3) Spring.**

A survey of the historical origins, the literature, and the beliefs of the major living religions of the East, including Hinduism, Buddhism, Confucianism, Taoism, Shinto, and Islam. (Given in alternate years. Given in 1990-91.)

**230. Christian Thought. (3) Fall.**

A consideration of the broad range of religious and theological problems in the Judaeo-Christian tradition with emphasis on recent movements and issues in theology. (Given in alternate years. Given in 1990-91.)

**240. Religion in America. (3) Fall.**

An examination of religion in America and its cultural interaction. The origin of the major traditions with special emphasis on present forms. (Given in alternate years. Not given in 1990-91.)

**250. World Christianity. (3) Spring.**

A consideration of the significance and global impact of Christianity, its historical background, its interplay with its environment, its major forms, and the problems it has encountered in its various settings. There will be some attempt to indicate the direction in which Christianity in general is moving.

**281. Foundations of Christian Education. (3)**

Study of religious and educational foundations of the program of Christian education - historical and theological backgrounds, principles and objectives, agencies and organizations, and programs of religious education in the local church. (Given upon demand.)

**305. New Testament Topics. (3)**

A course dealing with the person and message of Jesus, the thought of Paul and/or other New Testament themes. (Given upon demand.)

*Prerequisite:* REL 102.

**307. Old Testament Topics. (3)**

A course emphasizing the Hebrew Prophets, the Wisdom tradition and/or other Old Testament themes. (Given upon demand.)

*Prerequisite:* REL 101.

**308. Psychology and Religion. (3) Spring.**

A course designed to promote understanding of the place of religion in personality and the psychological forces that help shape religious life. A study of the various aspects of religious growth and the different types of religious experience and behavior. (Given in alternate years. Not given in 1990-91.)

**310. Religion and Society. (3) Spring.**

An introductory course in sociology of religion. A study of the nature, forms, and functions of religion in society, religion and other social institutions such as government, education, marriage and the family, the economy, and social stratification. Attention will be given to current trends in religion in the United States. (Given in alternate years. Given in 1990-91.)

**381. Worship. (3)**

Exploration of the elements of worship, including a survey of basic devotional writings, certain of the church's liturgical treasures, and a careful consideration of conducting and participating in worship services. (Given upon demand.)



**398, 399. Special Topics in Religion. (3, 3)**

An in-depth examination of a special area of religion. The topics offered will vary from time to time, and a student may take no more than two special topics courses. Representative special topics may include: Jewish thought, archaeology of the Near East, Buddhist thought, Biblical interpretation, women and religion. (Given upon demand.)

**451. Directed Independent Study. (1-6) Fall, Spring.**

Individual study of selected problems with group meetings for preliminary and final reports.

*Prerequisite:* Permission of the Area Chair.

**452. Field Study. (1-9)**

This program is designed to assist the student in gaining an initial understanding of specific vocations in religion, such as educational ministries, inner-city ministries, rural life ministries, and institutional ministries. Actual work experiences are coordinated with related readings.

**481. Religious Education Internship. (3)**

Supervised work in a local church under college guidance with required attendance at seminars. For junior and senior majors. (Given upon demand.)

## **SOCIOLOGY**

The major in sociology incorporates courses from the closely related and complementary disciplines of sociology, psychology, anthropology, and social work. This course of study will: (a) provide the student with a critical awareness and understanding of the social world, (b) familiarize the student with current and past cultures and societies, and (c) provide a basic foundation for advanced study and possible careers in sociology, social work, and human services. Students are encouraged to become involved in a variety of internships.

For the student who elects this major there is a flexible set of electives to be chosen, with the assistance of an academic adviser, that will tailor the major to the student's needs and interests.

The required courses (36 hours) for the Sociology major are: SOC 101, 102, 120, 354, PSY 305 plus seven additional courses from sociology, anthropology, or psychology.

## **SOCIOLOGY (SOC)**

**101. Human Group Behavior. (3) Fall, Spring.**

An introduction to the scientific study of society and human social behavior. The theories and methods of sociology are used to understand the social-cultural forces that shape human interaction, which include the family, religion, work, law, education, bureaucracy, and other major social institutions. Emphasis is placed upon an analysis of contemporary America as a complex social system in which the individual must play many varied social roles and how social conditions determine individual behavior patterns.

**102. Social Problems. (3) Fall, Spring.**

An analysis of the wide range of major social problems which confront contemporary American society, which include crime and delinquency, drug use, sexual deviance, racial and ethnic inequalities, sex and age discrimination, poverty, family instability, population change, technological change, and environmental abuse. Focuses on the major theoretical perspectives on social problems and draws out their implications for solving problems.

**120. Statistics. (3) Fall, Spring.**

See MAT 120.

**200. Introduction to Social Work. (3)**

Designed to give an historical overview of the development of the profession with emphasis on its values, basic philosophy, knowledge base, and major methods. Includes an introduction to social policy and human resource development. An in-depth study of a social agency is required. (Given upon demand.)

*Prerequisite:* SOC 101.



**303. Social Change. (3) Spring.**

An introduction to the study of social change, any change in the social structure or social organization of society, and cultural change. The basic task will be to identify the primary causes of change, and to describe the desirable and undesirable consequences of social and cultural change. (Given in alternate years. Not given in 1990-91.)

**307. Deviant Behavior. (3) Spring.**

An introduction to the study of any human behavior that fails to conform to the expectations of society - namely, deviance. Deviance occurs when an individual or a group violates or surpasses by far the standards of society. The kinds of deviance found in contemporary American society include murder, rape, robbery, insanity, genius, juvenile delinquency, prostitution, alcoholism and drug addiction, suicide, and homosexuality. The course will examine traditional and modern theories of deviant behavior. (Given in alternate years. Not given in 1990-91.)

**309. Formal Organizations. (3)**

Formal organizations are actual groups of individuals who coordinate their efforts to achieve some very specifically defined goal. The course will focus on the bureaucracy as one type of highly structured formal organization that tends to be large and is characterized by specific rules and regulations and a clearly defined hierarchy of authority and responsibility. (Given upon demand.)

**315. Marriage and the Family. (3) Fall.**

A study of marriage and the family in American society today, with a strong emphasis on issues that students must confront personally and intellectually such as the formation of families through courtship, marriage, and sexual behavior, the maintenance of families through child-rearing and family interaction, the dissolution of families by divorce and death, and the emergency of new family structures. Emphasis will be placed upon the question of whether the American family is in serious danger or decline. (Given in alternate years. Given in 1990-91.)

**318. Racial and Ethnic Minority Groups. (3) Fall.**

A study of the United States as a society made up of many different types of minority groups, some of which are distinguished by their race and ethnicity, others who are set apart by their economic, political, or occupational background. (Given in alternate years. Not given in 1990-91.)

**351. The Elements of Social Work. (3) Spring.**

An introduction to the practice of social work with extra emphasis on the three basic methods: casework, group work, and community organization. Didactic information provided by lecture will be augmented through the use of role playing and class discussion. (Given upon demand.)

*Prerequisites:* SOC 101 and SOC 200.

**354. Theories of Society. (3) Fall.**

A survey of classical and contemporary sociological theories from the early philosophical approaches to modern empiricism. Emphasis will be placed upon the modern masters of social theory. (Given in alternate years.)

*Prerequisite:* SOC 101.

**396, 397. Special Topics in Sociology. (3, 3)**

These two courses will change topics from time to time in order to give variety and contemporaneity to the course offerings in Behavioral Science. A student may take no more than two special topics courses. (Given on demand.)

**451. Directed Independent Study. (1-6) Fall, Spring.**

Independent study, under careful supervision, of significant topics selected in consultation with the instructor. Open to sociology majors only, except with permission from the Area Chair.

*Prerequisite:* Permission of the instructor.

**452. Field Study. (1-9) Fall, Spring.**

This course is designed to give the student a practical approach to the fields of social work or some other area related to sociology. The student will work through an approved agency under the supervision of one of its professional employees and a teacher in the Area of Behavioral Sciences.



## ANTHROPOLOGY (ANT)

### 204. Cultural Anthropology. (3) Fall.

Anthropology is the study of human kind, of ancient and modern people and their ways of living. Cultural anthropology deals with the systematic description and analysis of the cultures - the socially learned traditions - of past and present ages. Comparison of cultures provides the basis for hypotheses and theories about the causes of human life styles and their extreme variety. The methodology is cross-cultural and historical but the principles are of contemporary significance. (Given upon demand.)

### 396, 397. Special Topics in Anthropology. (3, 3) Fall, Spring.

These two courses will change topics from time to time in order to give variety and contemporaneity to the course offerings in Sociology and Anthropology. (Given on demand.)

*Prerequisite:* ANT 204 or permission of the instructor.

## SPANISH

There is no major in Spanish, but the student may combine Spanish with French or German for a major in Modern Languages (See Modern Languages, p. 44). All Modern Language majors who plan to use a foreign language in any active way are strongly urged to participate in a Junior Year or Junior Semester Abroad program or an intensive summer course in a country whose language they have studied. The Area will help any student in arranging such a study visit.

During the last decade, career opportunities for people knowledgeable in foreign language have increased considerably, largely because of increased investments in American business by foreign firms, increased international activities of many American corporations and financial institutions, and growing shortages of qualified personnel to fill linguistic positions in the United States military branches and in the United States foreign service.

## SPANISH (SPA)

### 101, 102. Elementary Spanish. (3, 3) Fall, Spring.

Grammar, pronunciation, reading of simple texts, elementary conversations.

### 103, 104. Intermediate Spanish. (3, 3) Fall, Spring.

Review of grammar, selected readings, conversation and writing. This course is prerequisite to all advanced courses in Spanish.

*Prerequisite:* SPA 101, 102.

### 203. Advanced Phonetics and Conversation. (3) Fall.

Practice and instruction in pronunciation and discussion of current events and topics of general interest.

*Prerequisite:* SPA 104 or permission of the instructor.

### 204. Advanced Composition. (3) Spring.

Practice in the writing of Spanish prose.

*Prerequisite:* SPA 104, 203 or permission of the instructor.

### 301, 302. Survey of Spanish Literature. (3, 3) Fall, Spring.

Fall, a survey of representative works of prose, poetry, and drama from the middle ages to 1800. Spring, from 1800 to present. This course is a prerequisite to all advanced Spanish literature courses.

*Prerequisite:* SPA 204.

### 303, 304. Survey of Spanish-American Literature. (3, 3) Fall, Spring.

Fall, literature of the periods of discovery, colonization, independence to Modernism. Spring, from Modernism to the present.

*Prerequisite:* SPA 204.



**396, 397. Special Topics in Foreign Languages. (3, 3)**

An examination of a special area of language or literature. The topics will vary from time to time, and a student may take no more than two special topics courses. Representative special topics include introductory Portuguese and readings in Brazilian literature. (Not applicable to the major program unless approved by Area chair.)

*Prerequisite:* Permission of the instructor.

**451 Directed Independent Study. (1-6) Fall, Spring.**

Additional advanced work in Spanish language or literature. Open to juniors and seniors with the approval of the Area Chair.

*Prerequisite:* Permission of the instructor.

## **THEATRE**

The Bachelor of Arts degree with a major in theatre consists of 36 semester hours of general education courses, a minimum of 27 semester hours in theatre with the remaining part of the program consisting of electives. The Area also offers the B.F.A. in theatre. For course descriptions in theatre, see page 61.



## Bachelor of Fine Arts Degree

Wesleyan offers the B.F.A. degree in Theatre and Visual Arts. Degree requirements for these degrees will be listed preceding course descriptions.

### ART

The Area of Art at Wesleyan College offers a major in the Visual Arts leading to the Bachelor of Fine Arts degree. This course of study:

- a. helps the student develop the necessary skills for entry level positions in the commercial art disciplines or for advanced study;
- b. provides the student with a critical awareness and understanding of the art world;
- c. enables the student to develop an understanding of art history and aesthetics.

The program is offered in a working environment conducive to each student's personal creative growth. Students are encouraged to become involved in internships.

The Art Area provides the college community with exhibitions and events to stimulate interest in and understanding of the visual arts. The Area considers these presentations an essential part of the art student's education and therefore requires attendance at designated events.

At the end of the sophomore year, students are required to present a portfolio for review by the Art faculty. On the basis of the review and the student's total record, the Art faculty determines the advisability of the student's continuing as a visual arts major. Each senior student in the B.F.A. program is required to have an exhibition of her work and to submit a bound, illustrated catalogue.

Students will follow the outlined curriculum; there is a flexible set of electives to be chosen in the third and fourth years. Substitutions may not be made for required courses.

### DEGREE REQUIREMENTS

1. Every candidate for the B.F.A. degree in Visual Arts must complete the work prescribed in the curriculum outline with the required number of courses and a cumulative grade point ratio of 2.0.
2. All students are required to take ENG 101, ENG 102, MAT 101, CIS100.
3. At least one course must be taken from categories I, II (ENG 102), IV, V, and VI of the general education requirements listed below. The remaining five courses may be taken from any courses in categories I, II, IV, V, and VI.

#### I Literature

ENG 201, 202, 251, 252  
ENG 211, 212  
REL 101, 102

#### II Language

COM 101  
ML 101, 102, 103, 104, 203, 204  
ENG 102  
PHI 101



- III Fine Arts  
Requirements met in the major
- IV Behavioral Science  
PSY 101, 102  
SOC 101, 102
- V Social Science  
HIS 101, 102, 251, 252  
POL 201  
ECO 201
- VI Laboratory Science  
BIO 150, 151  
CHM 101, 102  
PHY 101, 102, 121, 122

## Visual Arts Major

### Fall Semester

#### First Year

ART 101 Drawing  
ART 121 Design 2-D  
General education  
General education  
General education

#### Second Year

ART 201 Figure Drawing  
ART 241 Sculpture  
ART 281 Printmaking  
General education  
General education

#### Third Year

ART 310 Technical Methods in  
Commercial Art  
Art Studio elective  
Art History  
General education  
General education

#### Fourth Year

ART 495 Senior Art Project  
Art Studio elective  
Art History  
Art Studio elective

### Spring Semester

ART 102 Drawing  
ART 122 Design 3-D  
General education  
General education  
General education

ART 221 Painting  
ART 275 Photography  
ART 202 Figure Drawing  
General education  
General education

ART 313 Applied Studies  
in Commercial  
Art, Advanced  
Graphic Design  
Art Studio elective  
Art History  
General education

ART 496 Senior Art Project  
Art Studio Elective  
Art Studio Elective  
Art History



# ART

## History of Art

**251. Art Appreciation. (3) Fall, Spring.**

A course designed to give the student a fundamental understanding of the visual arts and their place in Western culture.

**252. Prehistoric through Gothic Art. (3) Fall.**

The history of the visual arts in the prehistoric, antique, early Christian, Byzantine, Medieval and Gothic periods. (Given in alternate years. Given in 1990-91.)

**253. Renaissance, Mannerist and Baroque Art. (3) Spring.**

The history of the visual arts in the Renaissance, Mannerist and Baroque periods. (Given in alternate years. Given in 1990-91.)

**254. Art of the 19th Century. (3) Fall.**

Study of European and American art including Neo-Classical, Romantic, and Impressionist periods. (Given in alternate years. Not given in 1990-91.)

**255. Contemporary Art. (3) Spring.**

Study of changing art forms and ideas from the late nineteenth century to the present. (Given in alternate years. Not given in 1990-91.)

## Studio Courses

**101,102. Drawing. (3,3) Fall, Spring.**

An introduction to the elements, materials, and aesthetics of drawing.

**121. 2-D Design. (3) Fall.**

An introduction to 2-D design elements and principles. The foundation course for drawing, painting, printmaking, and graphic design.

**122. 3-D Design. (3) Spring.**

A study of the organization and division of space. The foundation course for sculpture and ceramics.

**201,202. Figure Drawing. (3,3) Fall, Spring.**

Basic experiences in drawing the figure.

**220. Landscape Watercolor. (3)**

A study of landscape concepts through the medium of watercolor. (Given upon demand.)

**221. Painting. (3) Spring.**

An introduction to basic painting systems, methods, and media, with emphasis on an awareness of disciplined approaches to the painted surface.

**241. Sculpture. (3) Fall.**

Beginning projects, using various approaches, including carving, welding, and casting.

**275. Photography. (3) Spring.**

Introduction to black and white photography, paper and film processing, darkroom techniques. Special emphasis on photography as fine art.

**281. Printmaking. (3) Fall.**

Introduction to printmaking, serigraph (silk screen), including woodcut, engraving, linocut, crayon and stencil techniques, and exploration of multi-color methods.



**301. Advanced Drawing. (4) Spring.**

Advanced problems in figure drawing with attention to the student's preference in media and her field of interest (e.g., painting, sculpture, commercial, etc.).

*Prerequisite:* Art 202 or permission of the instructor.

**310. Technical Methods in Commercial Art. (4) Fall.**

An introduction to the technical and creative processes involved in commercial art or graphic design. Topics include typography, layout, paste-ups and methods of reproduction.

*Prerequisite:* Art 102 or permission of the instructor.

**313. Applied Studies in Commercial Art: Advanced Graphic Design. (4) Spring.**

Concentrated studies in commercial art techniques, emphasis on visual communications and their applications in the mass media. The student is expected to develop a portfolio reflecting personal growth and mastery of technical processes.

*Prerequisite:* Art 310 or permission of the instructor.

**321. Advanced Painting. (4) Fall.**

Problems in painting with emphasis on developing painting techniques, artistic ideas, and aesthetic awareness. (Given in alternate years. Given in 1990-91.)

*Prerequisite:* Art 221 or permission of the instructor.

**322. Advanced Painting. (4) Fall.**

Wide latitude is given in the choice of painting media, problems, and techniques, encouraging individual creative expression. (Given in alternate years. Not given in 1990-91.)

*Prerequisite:* Art 321 or permission of the instructor.

**330. Ceramics. (4)**

Understanding of clay as an art medium, and its utilization including throwing, handbuilding, glazing, experimentation with various forms of clay and firing processes and a historical perspective of clay as both a functional and artistic medium. (Given in alternate years. Given in 1990-91.)

*Prerequisite:* Art 241 or permission of the instructor.

**341. Advanced Sculpture. (4) Spring.**

Advanced experiences in sculpture. (Given in alternate years. Not given in 1990-91.)

*Prerequisite:* Art 241 or permission of the instructor.

**361. Elementary School Arts and Crafts. (3) Fall.**

Methods, materials, and curriculum of elementary school art to give the elementary education student an understanding of the various uses of art in the classroom.

**381. Etching (Beginning). (4) Spring.**

Introduction to basic methods of intaglio printmaking, drypoint, etching and engraving, various grounds, papers, and history. (Given in alternate years. Not given in 1990-91.)

*Prerequisite:* Art 281 or permission of the instructor.

**383. Advanced Printmaking. (4) Spring.**

Advanced level studies in monotype, serigraphy (silk screen), relief printing (linoleum, woodcut) and intaglio (etching). The emphasis is on exploration of multiple color methods. (Given in alternate years. Given in 1990-91.)

*Prerequisite:* Art 281 or Art 381.

**385. Commercial Illustration. (4) Fall.**

Introduction to the methods of contemporary illustration. Areas covered include children's books, publications, fashion, etc.

*Prerequisite:* Art 102 or permission of the instructor.

**398,399. Special Topics in Art. (1-4)**

An in-depth examination of a special area of art. Topics offered will vary from time to time and a student may take no more than two special topics courses.



**451. Directed Independent Study. (1-6)**

Independent work in any of the specialized art history or art areas. Permission of instructor and Area Chair required.

**452. Field Studies in Art. (1-9)**

Student-initiated field studies in any of the specialized art history or art areas. Permission of the faculty sponsor and art faculty required.

**495,496. Senior Art Project. (4,4) Fall, Spring.**

Advanced individual work in painting, sculpture, drawing, printmaking, or commercial art. This course is open only to senior art majors who must submit a bound, illustrated catalogue as a record of their work subject to the approval of the instructor and staff. It includes the senior art exhibition.

## **THEATRE**

In the Theatre Department, the Bachelor of Fine Arts degree is offered with majors in acting and technical theatre. Students are referred also to the major in theatre leading to the Bachelor of Arts degree (See 1989-91 *Bulletin*). It will be seen by the following programs that during the freshman year all students studying for the Fine Arts degree will take almost identical courses. During this time it will be possible for them to become more certain of their plans, and for the Area to counsel them on the basis of actual experience. Theatre majors emphasize either production or acting and adapt the curriculum accordingly.

### **Degree Requirements**

1. Every candidate for the B.F.A. degree in Theatre must complete the work prescribed in the appropriate curriculum outline with the required number of courses and a grade point ratio of 2.0 on all work in the major and a cumulative grade point ratio of 2.0 on all work attempted.
2. All students are required to take English 101.
3. Nine general education courses are required. At least one course must be taken from categories I, II, IV, V, and VI of the general education requirements listed below. The remaining four courses may be taken from any courses in categories I, II, IV, V, and VI. A student must take the last 30 semester hours of her program at Wesleyan College.

**I Literature (6 hrs.)**

ENG 201, 202, 251, 252

ENG 211, 212

REL 101, 102

**II Language (6 hrs.)**

COM 101

ML 101, 102, 103, 104, 203, 204

ENG 102

PHI 101

**III Fine Arts (6 hrs.)**

Requirements met in the major

**IV Behavioral Science (6 hrs.)**

PSY 101, 102

SOC 101, 102



V Social Science (6 hrs.)  
HIS 101, 102, 251, 252  
POL 201  
ECO 201

VI Laboratory Science (8 hrs.)  
BIO 150, 151  
CHM 101, 102  
PHY 101, 102, 121, 122

## Theatre-Acting Major

	Fall Semester	Spring Semester
<i>First Year</i>	THE 115 THE 125 COM 101 General education (6)	THE 116 THE 126 General education (6)
<i>Second Year</i>	THE 215 THE 225 General education (9)	THE 216 THE 226 General education (6)
<i>Third Year</i>	THE 315 THE 321 THE 325 General education (4) Electives (3)	THE 316 THE 322 THE 326 Electives (6)
<i>Fourth Year</i>	COM 308 THE 421 THE 425 Electives (7)	THE 422 THE 426 Electives (9)

## Theatre-Technical Major

	Fall Semester	Spring Semester
<i>First Year</i>	THE 115 THE 125 COM 101 General education (6)	THE 116 THE 126 General education (6)
<i>Second Year</i>	THE 213 THE 215 General education (9)	THE 214 THE 216 General education (6)



### *Third Year*

THE 310	THE 311
THE 312	THE 314
THE 315	THE 316
THE 321	THE 322
General education (4)	

### *Fourth Year*

COM 308	THE 422
THE 421	COM or theatre electives (9)
COM or theatre electives (6)	Electives (5)
Electives (5)	

## **THEATRE (THE)**

### **101. Introduction to Theatre. (3)**

Introduction to the history and basic theories of the theatre arts and application through demonstration in each of the following areas: acting and directing, lighting, make-up and stagecraft, costuming, and scenic design.

### **115, 116. Stagecraft. (4,4) Fall, Spring.**

An introduction to all phases of theatre technical work. Includes two hours of lecture and nine hours of laboratory work per week.

### **125, 126. Elementary Acting. (3,3) Fall, Spring.**

The basic acting techniques designed to give the student stage presence. A study of the movement and emotion leading to characterization and development of a part.

*Prerequisite:* to THE126 is THE125 or permission of the instructor.

### **213, 214. History of Costume. (3,3) Fall, Spring.**

History of clothing styles from ancient to modern times and the basic techniques for constructing costumes. (Given in alternate years. Given in 1990-91.)

### **215, 216. Production. (4,4) Fall, Spring.**

A continuation of Stagecraft. Special emphasis placed on rigging, sound, film, and special effects. Laboratory required.

### **220. American Musical Theatre. (3)**

A historical survey of American operetta and musical comedy (stage and film). Emphasis upon the form's contribution to and reflection of American life.

### **225, 226. Intermediate Acting. (3,3) Fall, Spring.**

Analysis and application of acting techniques used in period styles and character interpretation. (Given in alternate years. Given in 1990-91.)

*Prerequisites:* THE125, 126 or permission of the instructor.

### **307, 308. Shakespeare. (3,3) Fall, Spring.**

See ENG 307, 308.

### **310. Stage Make-up. (3) Spring.**

Introduction to the theory and practice of make-up for theatre, television, and motion pictures. (Given in alternate years. Not given in 1990-91.)

### **311, 312. Stage Design. (3,3) Fall, Spring.**

An introductory course dealing with problems of design in stage decoration. (Given in alternate years. Given in 1990-91.)

### **314. Stage Lighting. (3) Spring.**

The theory and practice of theatrical lighting design and study of the lighting control board. Emphasis is placed on lighting various types of productions. (Given in alternate years. Given in 1990-91.)



**315, 316. Directing. (3,3) Fall, Spring.**

An introduction to all phases of directing. (Given in alternate years. Given in 1990-91.)

*Prerequisite:* Permission of the instructor.

**321, 322. History and Literature of the Theatre. (3,3) Fall, Spring.**

A study of the development of the theatre and its literature from the Greeks to the Renaissance, and from the Renaissance to Ibsen.

**325, 326. Rehearsal and Performance. (3,3) Fall, Spring.**

Practical experience in theatre arts.

*Prerequisite:* Permission of the instructor.

**420. Nineteenth Century British Drama. (3)**

A study of the four principal forms of nineteenth-century British drama; verse drama, melodrama, farce, and the new drama of the 1890's.

**421. Development of the Modern Drama. (3)**

A study of modern times and the artist's view of man as shown in the dramatic literature from Ibsen through the Theatre of the Absurd.

**422. Survey of American Drama. (3)**

A study of the history of American ideas and ideals as they appear in the American drama from colonial times to the present.

**425, 426. Rehearsal and Performance. (3,3) Fall, Spring.**

A continuation of THE 326.

*Prerequisite:* Permission of the instructor.

**451. Directed Independent Study. (2,4,6) Fall, Spring.**

Under careful Area supervision, independent study is designed to teach the student original thinking and research.

*Prerequisite:* Permission of the instructor.

**452. Field Study. (3,6,9) Fall, Spring, Summer.**

Experience in summer stock during the summer. During the regular semester it will be possible to get credit for experience in such places as special education schools or off-campus drama classes. Credit will be given according to the area in which the student works.

*Prerequisite:* Permission of the Area Chair.



## Bachelor of Music Degree

The following majors are offered for the B.M. degree:

Piano Performance	Church Music
Voice Performance	Music Education

The Area also offers the Bachelor of Arts degree with a major in Music. (See page 45)

### Degree Requirements

1. Every candidate for the B.M. degree must complete the work prescribed in the appropriate curriculum outline with the required number of courses and a grade point ratio of 2.0 on all work in the major and a cumulative grade point ratio of 2.0 on all work attempted.
2. All students are required to take ENG 101.
3. General education requirements are specified for each program.

The Bachelor of Music curriculum in Performance prepares the student as a solo performer and as a teacher in her performing area. Therefore, the required proficiency level in performance is higher than that for any other music major. The required performance levels are 402 in piano and 408 in voice.

The Bachelor of Music curriculum in Church Music prepares the student for church positions as organist and/or choir director. For this major a student must elect either voice or organ as a primary applied area and must reach the proficiency level of either 308 in voice or 306 in organ.

The Bachelor of Music curriculum in Music Education prepares the student to teach choral and general music in grades 1 through 12. The proficiency level required in the major area of performance is either 202 in piano, 206 in organ, or 208 in voice. Because of the choral emphasis in the curriculum, all keyboard primaries must study voice as a secondary applied area. This curriculum is approved by the State Department of Education.

The Area of Music at Wesleyan College serves all college students by offering applied music instruction, ensembles, and courses. The Area also sponsors concerts, recitals, and workshops for the College and the community.

Wesleyan College is a member of the National Association of Schools of Music. Requirements for entrance and graduation are in accordance with its published standards.

### Performing Opportunities

In order to qualify for graduation, Performance majors must present a half recital in the junior year and a full recital in the senior year. The recital serves in place of the final examination during the term in which it is given. All recitals are reviewed by the entire Music faculty and must be judged by them to be at a satisfactory level. Church Music majors must perform a half recital in the senior year. Other music majors may give a half recital with the approval of the teacher in their applied primary area. A student planning to give a recital may be asked to perform any portion of her program before a faculty committee three weeks prior to the recital.

Wesleyan students are given many opportunities to perform in addition to recitals. Students perform regularly in master classes, workshops, recital classes, and other events in the community.



## Concert and Recital Attendance

Wesleyan College sponsors an outstanding series of concerts, workshops, and recitals. The Music Area considers these performances an essential part of the music student's education and therefore requires attendance at designated events.

## Applied Music

Students taking lessons for credit receive fifty minutes of instruction and a master class per week (subject to sufficient enrollment). In order to obtain credit in applied music, a student must give a satisfactory performance for an examining committee at the end of each semester. Half or full recitals will fulfill this requirement. For each hour of credit received the student is expected to practice at least one hour daily.

A performance before the entire music faculty is heard at the end of the sophomore year to determine the advisability of the student's continuing as a music major. In making its decision, the music faculty considers the student's total record and musicianship.

The following is an outline of the Bachelor of Music degree programs:

## Church Music

General Education Requirements:

ENG 101  
REL 101  
REL 102

PSY 101  
HIS 101  
HIS 102

9 hours from Categories I, II, III, IV, V, or VI

Fall Semester		Spring Semester	
<i>First Year</i>			
Applied Primary	2	Applied Primary	2
Piano	1	Piano	1
121 Theory	3	122 Theory	3
123 Sight Singing and Dictation	1	124 Sight Singing and Dictation	1
133 Basic Concepts	3	001 Glee Club	1
001 Glee Club	1	General Education	6
101 English	3		
<i>Second Year</i>			
Applied Primary	2	Applied Primary	2
221 Theory	3	222 Theory	
223 Advanced Sight Singing & Dictation	1	224 Advanced Sight Singing & Dictation	1
275 Choral Techniques	2	276 Choral Techniques	2
Secondary Applied (class or private)	1	Secondary Applied (class or private)	1
001 Glee Club	1	001 Glee Club	1
155 (for organ primaries)	1	156 (for organ primaries)	1
101 History	3	102 History	3
101 Psychology	3	General education	3



### Third Year

Applied Primary	2	Applied Primary	2
331 Music History	3	332 Music History	3
377 Advanced Choral		383 Current Trends in	
Techniques(voice		Church Music	3
primaries)	3	001 Glee Club	1
379 Service music for		330 Keyboard Harmony	
church organists(for		(for organ primaries)	1
organ primaries)	3	102 Religion	3
281 Hymnology	3	Primary ensemble and	
001 Glee Club	1	secondary applied	
329 Keyboard Harmony		(for voice primaries)	1
(for organ primaries)	1		
101 Religion	3		
Primary ensemble or			
secondary applied(for			
voice primaries)	1		

### Fourth Year

Applied Primary	2	Applied Primary	3
481 Liturgies	3	(Recital required)	
373 Elementary Methods	3	381 Church Choir	
Ensemble	1	Management	3
*452 Field Study	1	**451 Independent Study	1
Elective	2	Ensemble	1
Primary ensemble or		*452 Field Study	1
secondary applied (for		Elective	6
voice primaries)	1	Primary ensemble or	
		secondary applied for	
		voice primaries)	1

\*Practical experience in service playing required of organ primaries and church choir conducting of voice primaries.

\*\*To be reflected in the senior recital.

### Music Education: Choral Emphasis

Proficiency levels MUS 202 and MUS 58 required of piano primaries.

Proficiency levels MUS208 and MUS101 required of voice primaries.

Proficiency levels MUS101, MUS58, and MUS206 required of organ primaries.

### General Education Requirements:

ENG 101	PSY 101	6 hours from I,II,III
HPE 104	HIS 101	3 hours from IV, V
MAT 101	HIS 102	8 hours from VI
	MUS 133	



Fall Semester		Spring Semester	
<i>First Year</i>			
Applied Primary	2	Applied Primary	2
121 Theory	3	122 Theory	3
123 Sight Singing and Dictation	1	124 Sight Singing and Dictation	1
133 Basic Concepts	3	001 Glee Club	1
001 Glee Club	1	Secondary Applied (private or class)	1
Secondary Applied (private or class)	1	101 Psychology	3
101 English	3	104 Health & Physical Education	3
<i>Second Year</i>			
211 Functional Piano	1	212 Functional Piano	1
Applied Primary	2	Applied Primary	2
275 Choral Techniques	2	276 Choral Techniques	2
221 Theory	3	222 Theory	3
223 Advanced Sight Singing & Dictation	1	224 Advanced Sight Singing & Dictation	1
Secondary Applied	1	Secondary Applied	1
*Ensemble or **Accompanying	1	*Ensemble or **Accompanying	1
101 History	3	102 History	3
001 Glee Club	1	101 Math	3
		001 Glee Club	1
<i>Third Year</i>			
331 Music History	3	332 Music History	3
377 Advanced Choral Techniques	3	001 Glee Club	1
472 Instrumental Survey	1	Applied Lessons	1
001 Glee Club	1	209 Education	3
Applied Lessons	1	410 Education	3
Science	4	Science	4
201 Education	3	473 Instrumental Survey	1
<i>Fourth Year</i>			
373 Elementary Methods Ensemble or Applied Lessons	1	474 Seminar in Music Methods	3
Applied Lessons	1	405-6-7 Student Teaching	9
202 Education	0	402 Education	3
302 Education	3		
General Education	9		
001 Glee Club	1		

\*Required of voice primaries

\*\*Required of keyboard primaries

(MUS 211,212 may be exempted by examination.)



## Piano Performance

### General Education Requirements

ENG 101                      HIS 101  
 PSY 101                    HIS 102  
 18 hours from I,II,III,IV,V,VI

#### Fall Semester

#### Spring Semester

#### First Year

101 Piano	2	102 Piano	2
121 Theory	3	122 Theory	3
123 Sight Singing and Dictation	1	124 Sight Singing and Dictation	1
133 Basic Concepts	3	001 Glee Club	1
001 Glee Club	1	Voice (private or class)	1
Voice (private or class)	1	General education	6
English 101	3	Elective	3

#### Second Year

201 Piano	3	202 Piano	3
221 Theory	3	222 Theory	3
223 Advanced Sight Singing & Dictation	1	224 Advanced Sight Singing & Dictation	1
341 Piano Literature	2	342 Piano Literature	2
155 Accompanying	1	156 Accompanying	1
Ensemble	1	Ensemble	1
101 History	3	General education	3
Music 275 Conducting	2	102 History	3

#### Third Year

301 Piano	4	302 Piano	4
331 Music History	3	(Recital Required)	
329 Keyboard Harmony	1	332 Music History	3
255 Accompanying	1	330 Keyboard Harmony	1
General education	3	256 Accompanying	1
101 Psychology	3	General education	3

#### Fourth Year

401 Piano	5	402 Piano	5
361 Introduction to the Teaching of Piano	3	451 Independent Study	1
Piano Ensemble	1	Piano Ensemble	1
Music Theory Electives	2	Music Theory Electives	2
Ensemble or Applied Lessons	1	Ensemble or Applied Lessons	1
Electives	4	General education	3
		Electives	3



## Voice Performance

Piano Proficiency of 101 required

General Education Requirements:

ENG 101  
 PSY 101  
 FRN (6 hours)  
 GER (6 hours)  
 15 hours from I,II,III,IV,V,VI

Fall Semester		Spring Semester	
<i>First Year</i>			
107 Voice	2	108 Voice	2
121 Theory	3	122 Theory	3
123 Sight Singing and Dictation	1	124 Sight Singing and Dictation	1
133 Basic Concepts	3	Piano	1
Piano	1	001 Glee Club	1
001 Glee Club	1	General education	6
Foreign Language	3	Foreign Language	3
101 English	3		
<i>Second Year</i>			
207 Voice	3	208 Voice	3
221 Theory	3	222 Theory	3
223 Advanced Sight Singing & Dictation	1	224 Advanced Sight Singing & Dictation 1	
275 Choral Techniques	2	276 Choral Techniques	2
001 Glee Club	1	001 Glee Club	1
Piano	1	Piano	1
*Foreign Language	3	*Foreign Language	3
<i>Third Year</i>			
307 Voice	4	308 Voice	4
331 Music History	3	(Recital required)	
345 Solo Vocal Literature	2	332 Music History	3
Ensemble	1	346 Solo Voice Literature	2
001 Glee Club	1	Ensemble	1
101 Psychology	3	001 Glee Club	1
Elective	1	Music Theory Elective	2
<i>Fourth Year</i>			
407 Voice	5	408 Voice	5
Ensemble	1	(Recital required)	
General education	6	Ensemble	1
Italian Diction	2	General education	3
Elective	1	Elective	6

\*Two years of a foreign language are required, one year each of French and German.

## MUSIC (MUS)

### Harpsichord

109, 110.

Private instruction with emphasis on musical literature of the seventeenth and eighteenth centuries. Harpsichord students are encouraged to participate in chamber music.

*Prerequisite:* Piano 101.

### Organ

053, 054.

For students taking organ as a secondary instrument.

*Prerequisite:* Audition (Piano or Organ).

105, 106, 205, 206.

To pass the 206 proficiency level students should perform works comparable to the following: Bach: Prelude and Fugue in A, Fantasie and Fugue in C minor and Chorale Preludes of medium difficulty from the Orgelbuchlein; Mendelssohn: a sonata; compositions by standard American and foreign composers.

305, 306.

To pass the 306 proficiency level students should perform works comparable to the following: Bach: Prelude and Fugue in D and the more difficult Chorale Preludes; Brahms: Chorale Preludes; Franck: Cantabile. The church music major with an organ primary will also be expected to transcribe piano scores and orchestral reductions for the organ.

405, 406.

To pass the 406 proficiency level, the student should have a repertoire comparable to: Bach: Toccata, Adagio and Fugue, Prelude and Fugue in E flat, Toccata in F major, representative Chorale Preludes; Franck: Prelude, Fugue and Variation and the Chorales; compositions by Sowerby, Hindemith, Messiaen, etc.

### Piano

51, 52. (1,1)

Piano lessons for students taking piano as a secondary instrument. The work at this level prepares the student to continue with MUS 101.

101.

Piano 101 as a requirement of voice students: Emphasis will be placed on the performance of accompaniments to vocal (solo and/or choral) works of contrasting styles from differing periods of music history (i.e., Renaissance, Baroque, Classical, Romantic, Contemporary). Suggestions are works from Schirmer Anthology of Italian Songs, Lieder, or chansons. In addition, the examining committee expects to hear a selection from piano solo literature performed from memory.

To pass the 102 proficiency level students must perform works comparable to: Bach: Two-part inventions; Beethoven: Sonata Opus 2, No. 1; Chopin: Polonaise in C minor and works of comparable difficulty from other periods.

*Prerequisite:* Audition.

155, 156. **Piano Accompanying.** (1,1) Fall, Spring.

A study of vocal literature from the viewpoint of the accompanist. One hour per week of studio accompanying is required. Required of keyboard primaries and majors in Bachelor of Music degree programs.

201, 202.

To pass the 202 level of proficiency students must perform works comparable to the following: Bach: Preludes and Fugues from the Well-Tempered Clavier; Beethoven: a sonata from Opus 10; an extended composition of Chopin, Schumann, or Liszt; works of comparable difficulty from other periods.



**211, 212. Functional Piano Class. (1,1)** Fall, Spring.  
Group instruction in functional keyboard skills.

*Prerequisite:* MUS 101 or audition.

*Prerequisite:* to MUS 212 is MUS 211 or audition.

**255, 256. Piano Accompanying. (1,1)** Fall, Spring.  
A continuation of 155, 156. Required of piano majors only.

**301, 302, 401, 402.**

By the end of the senior year students should show definite advancement in technical development, tone production, interpretive insight and a general broadening of musicianship to meet the recital requirements.

## Voice

**055, 056. Voice Class. (1,1)** Fall, Spring.

An introductory course in the study of singing and voice literature for the non-music majors and for music majors whose primary area is not voice. Recommended for elementary education majors.

**057, 058. (1,1)**

Applied voice for non-major students and students taking voice as a secondary. A secondary student is expected to acquire a knowledge of vocal technique, style, and literature similar to a beginning voice primary even if she does not have a solo quality voice. The knowledge can be displayed in analysis of other voices as well as in her own performance.

*Prerequisite:* Audition.

**107, 108, 207, 208.**

For the 208 proficiency level the student should have acquired a knowledge of breath control, tone quality, principles of enunciation and pronunciation as applied to singing. She should demonstrate her ability to sing major, minor, and chromatic scales, arpeggios, exercises for agility for sustaining tone and the classic vowel embellishments. She should demonstrate a knowledge of early Italian classics and the ability to sing one or more of the less exacting arias of opera and oratorio. She should also have acquired facility in the use of one language in addition to English.

**307, 308, \*407, 408.**

For the 408 proficiency the candidate for graduation should demonstrate the ability to sing in three foreign languages, a knowledge of the general song literature, and the ability to give a creditable recital. The repertoire for immediate use should consist of at least four operatic arias, twenty classic and twenty standard modern songs.

The candidate should have completed four years of ensemble singing.

\*The church music major with a vocal emphasis who is required to complete only 307-308 should demonstrate the ability to sing advanced vocal literature with the concentration being in the area of sacred music.

## Strings

**065, 066. Applied Viola. (1-2)**

Applied Viola for non-major students and music students taking viola as a secondary instrument. Weekly lessons are offered in the viola. Technical and musical development are stressed and encouraged. A variety of styles, genres, and periods will be studied.

**067, 068. Applied Violin. (1-2)**

Applied Violin for non-major students and music students taking violin as a secondary instrument. Weekly lessons are offered in the violin. Technical and musical development are stressed and encouraged.

**115, 116, 215, 216, 315, 316. Applied Viola. (1-5)**

Weekly lessons with viola as the primary instrument. A variety of styles, genres, and periods will be studied. To pass the 216 proficiency, students must be able to play scales, arpeggios, and double stops in 2-3 octaves, etudes such as Bruni and Campagnoli, and compositions encompassing a broad spectrum of material. Such works might include sonatas of Brahms, works by Hindemith and Schumann, and solo suites of Bach. For levels 315 and 316, students should show definite advancement in technical development, tone production, interpretive insight, and a general broadening of musicianship to meet the recital requirements.

*Prerequisite:* Required audition for prospective music major.



**117, 118, 217, 218, 317, 318. Applied Violin. (1-5)**

Weekly lessons with violin as the primary instrument. To pass the 218 proficiency, students must be able to play scales, arpeggios, and double stops in 3 octaves, etudes such as Kreutzer and Dancá, and compositions in the first seven positions encompassing a broad spectrum of material. Such works might include concerti of Mendelssohn and Bruch, sonatas of Mozart and Beethoven, and pieces by Bartók and Stravinsky. For levels 317 and 318, students should show definite advancement in technical development, tone production, interpretive insight, and a general broadening of musicianship to meet the recital requirements.

*Prerequisite:* Required audition for prospective music major.

## **Woodwinds**

**061, 062. Woodwinds for Beginners. (1)**

Private, weekly lessons in a brass instrument for students with no previous experience.

**161, 162, 261, 262. Woodwind Lessons for Experienced Players. (1)**

Private, weekly lessons in a woodwind instrument for students with previous experience.

*Prerequisite:* Audition or consent of the instructor.

## **Brass**

**063, 064. Brass for Beginners. (1)**

Private, weekly lessons in a brass instrument for students with no previous experience.

**161, 164, 263, 264. Brass Lessons for Experienced Players. (1)**

Private, weekly lessons in a brass instrument for students with previous experience.

*Prerequisite:* Audition or consent of the instructor.

## **Methods in Performance**

**361. Introduction to the Teaching of Piano. (3) Fall.**

A course preparing students to teach beginners at varying age levels. It surveys piano methods and supplementary materials, stressing early stages of musical and technical development. Piano teaching practicum is required. (Given in alternate years.)

**467. Voice Methods. (2) Spring.**

A study of vocal fundamentals and their application to teaching methods and materials. (Given in alternate years.)

*Prerequisite:* Two years of private voice lessons.

## **Church Music**

**281. Hymnology. (3) Fall.**

A study of hymns from early Greek to contemporary. A survey of hymn books of various denominations. (Given in alternate years.)

**379. Service Music for the Church Organist. (3) Spring.**

A historical survey of organ literature from the late Renaissance to the 20th Century: The repertoire studied will be that which is accessible to the competent organist who has the demands of a weekly performance. Special attention will be given to program building for those events such as weddings and funerals which demand extended playing. Sources for organ accompaniments and principles of hymn arranging will be explored. (Given in alternate years.)

**381. Church Choir Management. (3) Fall.**

The study of a comprehensive church music program, including organization, methods, materials, observations, and participation in approved multiple choir programs. (Given in alternate years.)

**383. Current Trends in Church Music. (3)**

A survey and an analysis of current practice in church music: the response of the church music program to a changing liturgy through the organization and effective use of youth choirs, the production of youth musicals, the application of choreography and liturgical dance to worship, and the appraisal of materials from contemporary sources which represent the diversity of musical taste within the protestant-evangelical community. (Given in alternate years.)



**481. Liturgies. (3) Fall.**

A history of church music; a study of liturgies and worship forms. (Given in alternate years.)

## **Music Education**

**275,276. Conducting and Choral Techniques. (2,2) Fall, Spring.**

A study of conducting techniques, vocal methods, diction, and rehearsal procedures. Participation in the choral laboratory is required as a part of the course.

*Prerequisite:* MUS 275 is a prerequisite to MUS 276.

**372. Teaching Children Through Music. (3) Spring.**

Materials and methods of music teaching at the early childhood level. Designed for K-4 certification. Not for music or music education majors.

**373. Elementary Methods. (3) Fall.**

A comprehensive survey of the principles, objectives, methods, and materials used in the teaching of music at the primary and intermediate grade levels.

**377. Advanced Choral Techniques. (3) Fall.**

A survey course designed to acquaint choral conductors with literature from the Renaissance to the present day.

Emphasis will be on analysis and performance practices related to each period. Students are required to participate in and conduct in the choral laboratory as a part of this course.

*Prerequisite:* MUS 276.

**472, 473. Orchestral Instruments Survey. (1,1) Fall, Spring.**

This course is taken by music education majors with choral emphasis to acquaint them with instruments other than that of their major

applied field. It is a course in practical playing and teaching techniques on stringed, woodwind, and brass instruments.

**474. Seminar in Secondary, Middle, and Elementary School Music Methods. (3) Spring.**

A survey of methods and materials for general and choral music. This course deals with problems encountered during student teaching experience. Additional methods and approaches to teaching will be studied.

*Prerequisite:* Approval for EDU 405-6-7 Student Teaching. See EDU 405-6-7.

## **Music History and Literature**

**131, 132. Introduction to the History of Music. (3,3) Fall, Spring.**

A general survey of the development of music from the middle ages through the twentieth century with emphasis placed on the creative personalities of each era and their contribution to the formal and interpretive evolution of our modern styles. Acquaintance with the styles of the various composers is gained through the use of recordings and live performances.

**133. Basic Concepts of Music. (3) Fall.**

An introduction to basic musical concepts in developing music awareness. Emphasis is placed on an analytical approach of listening to music compositions through the use of recordings and live performances.

**134. Introduction to Opera Literature. (3)**

An introduction to some of the standard operas performed today from the Italian, German, and French repertoire.

**331, 332. History of Music. (3,3) Fall, Spring.**

A concentrated study of the history and literature of music from the medieval period to the present. Extensive use is made of recordings, musical scores, and live performances. Some background in music theory or performance is highly recommended for the non-music major.

**341. Piano Literature. (2) Fall.**

A survey of literature for the piano from the early English school through the Classical period. (Given in alternate years.)

**342. Piano Literature. (2) Spring.**

A survey of literature for the piano by Romantic, Impressionist, and Contemporary composers. (Given in alternate years.)



**345, 346. Solo Vocal Literature. (2,2)** Fall, Spring.

A survey course in solo literature through the study of scores, listening, and performance. Fall term includes English and Italian literature; Spring, German and French. (Given in alternate years.)

## Theory and Composition

Placement in theory courses is by examination. Courses then follow sequentially.

**121, 122. Theory. (3,3)** Fall, Spring.

A study of the basic materials and structure of music, with written, analytic, and keyboard work on melody and two-to four-part writing. The sight singing and dictation course is correlated.

**123, 124. Sight Singing and Dictation. (1,1)** Fall, Spring.

A course in aural perception: sight singing, interval recognition, elementary melodic, rhythmic, and harmonic dictation.

**221, 222. Theory. (3,3)** Fall, Spring.

A continuation of the fundamental approach of Theory 121,122. Common practice harmony, techniques, and forms of the 18th and 19th century are studied, followed by an investigation of 20th century techniques.

**223, 224. Advanced Sight Singing and Dictation. (1,1)** Fall, Spring.

Further work in advanced aural perception: sight singing, interval recognition, advanced melodic, rhythmic, and harmonic dictation.

**323. Form and Analysis. (2)**

A study of form in composition of different periods including the contemporary. (Given in alternate years.)

*Prerequisite:* MUS 222.

**325. Counterpoint. (2)**

A study of the contrapuntal style of the 18th century. The composition of inventions, fugues, choral preludes, and other forms of the period. (Given in alternate years.)

*Prerequisite:* MUS 222.

**329, 330. Keyboard Harmony. (1,1)** Fall, Spring.

The course will include experience with the transposition, harmonization of a given melody with varying accompaniment patterns, modulations to closely related keys and some realizations of figured bass lines. (Given in alternate years.)

*Prerequisite:* to MUS 330 is MUS 329.

## Advanced Work

**398, 399. Special Topics in Music. (1-3)**

An examination of a special topic in music. These topics vary from time to time and a student may take no more than 6 semester hours of special topic courses. Representative topics include advanced form and analysis, advanced counterpoint, composition, workshop in opera/musical theatre, specialized ensembles (such as handbells for one credit hour), and others.

*Prerequisite:* Permission of the instructor.

**451. Directed Independent Study. (1-6)** Fall, Spring.

Open to advanced students majoring in music. Consent of the instructor and the Area Chair are required. Topics may be selected from any area of music.

**452. Field Studies. (1-9)** Fall, Spring, or Summer.

Field experience during the summer or during one of the regular terms, planned and coordinated with a music sponsor and done under the supervision of a field sponsor. Related reading and study required.

## Ensembles

Ensemble activities designed to fit the needs of the individual music student have been organized.



Ensembles are open to all students by audition or by consent of the instructor.

**001. Glee Club. (1) Fall, Spring.**

The Glee Club is a select ensemble which presents a wide variety of repertoire.

*Prerequisite:* Audition.

**002. Wesleyannes. (1) Fall, Spring.**

The Wesleyannes, a small vocal ensemble of select voices, performs a variety of music, including popular as well as more serious styles. The group makes frequent public appearances and offers its members a variety of performing experiences. Membership is by audition.

**003. Wesleyan Community Orchestra. (1)**

The Wesleyan Community Orchestra, an ensemble comprised of Wesleyan students and persons from the area, rehearses weekly and performs symphonic literature each semester from the standard repertoire. Different styles, genres, and periods are included to offer a musically-balanced program.

**004. Piano Ensemble. (1)**

A study of 4-hand and 2-piano literature.

*Prerequisite:* Audition or permission of the instructor.

Other ensembles are offered when demand is sufficient.

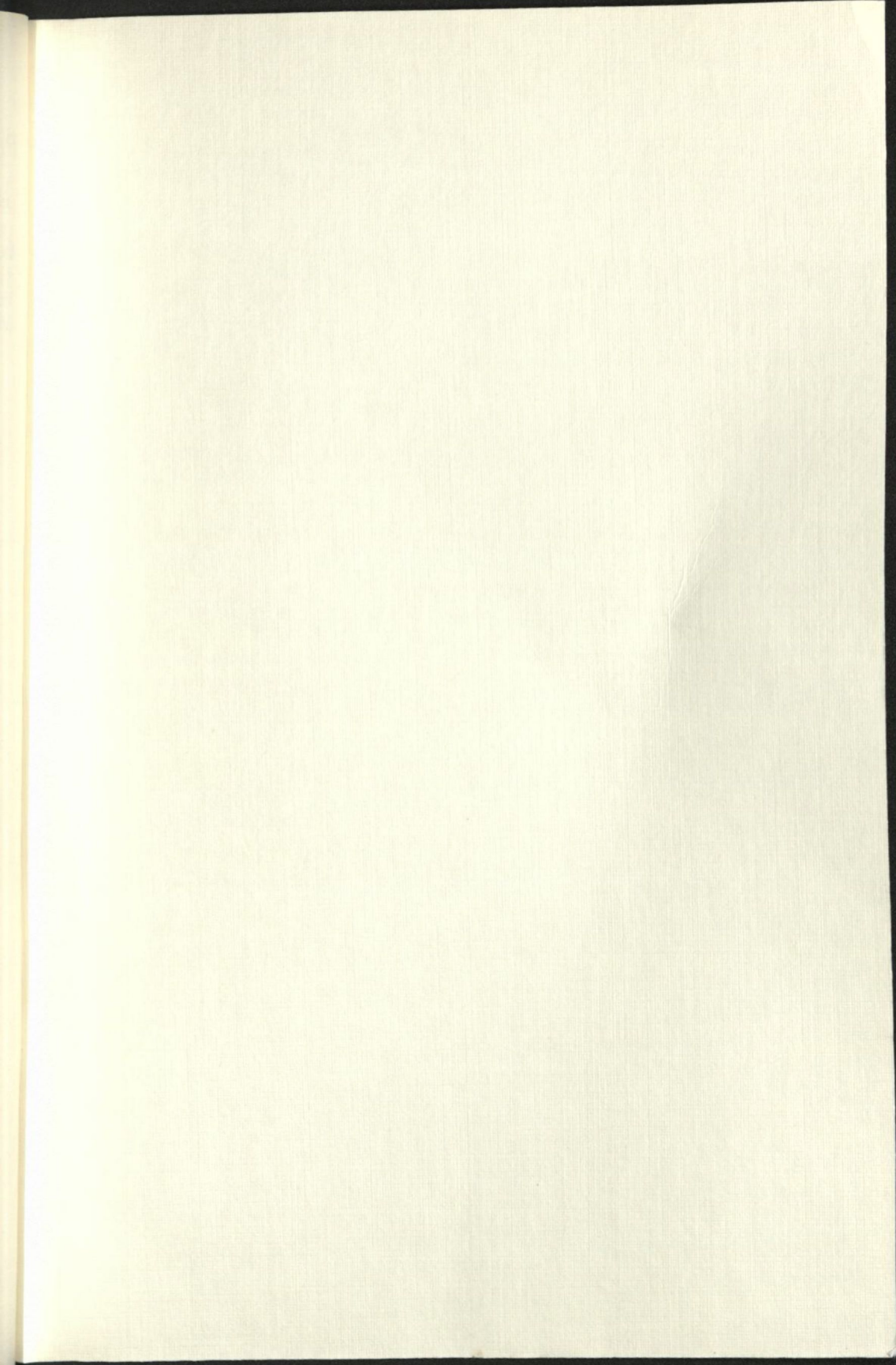
## Pre-Professional Programs

Opportunities for students to study in pre-professional programs are provided in several areas of the College. Many of these programs are interdepartmental in nature; however, they do require that the student select a specific major field of study. In addition to the major field, the student will take a substantial number of courses that are supportive to the student's career objectives. A student interested in entering any of these programs should work closely with the designated adviser in the area.

For details for the Pre-Professional Programs, see the 1989-1991 *Bulletin*.









WESLEYAN

4760 Forsyth Road • Macon, Georgia 31297